

FIG.1

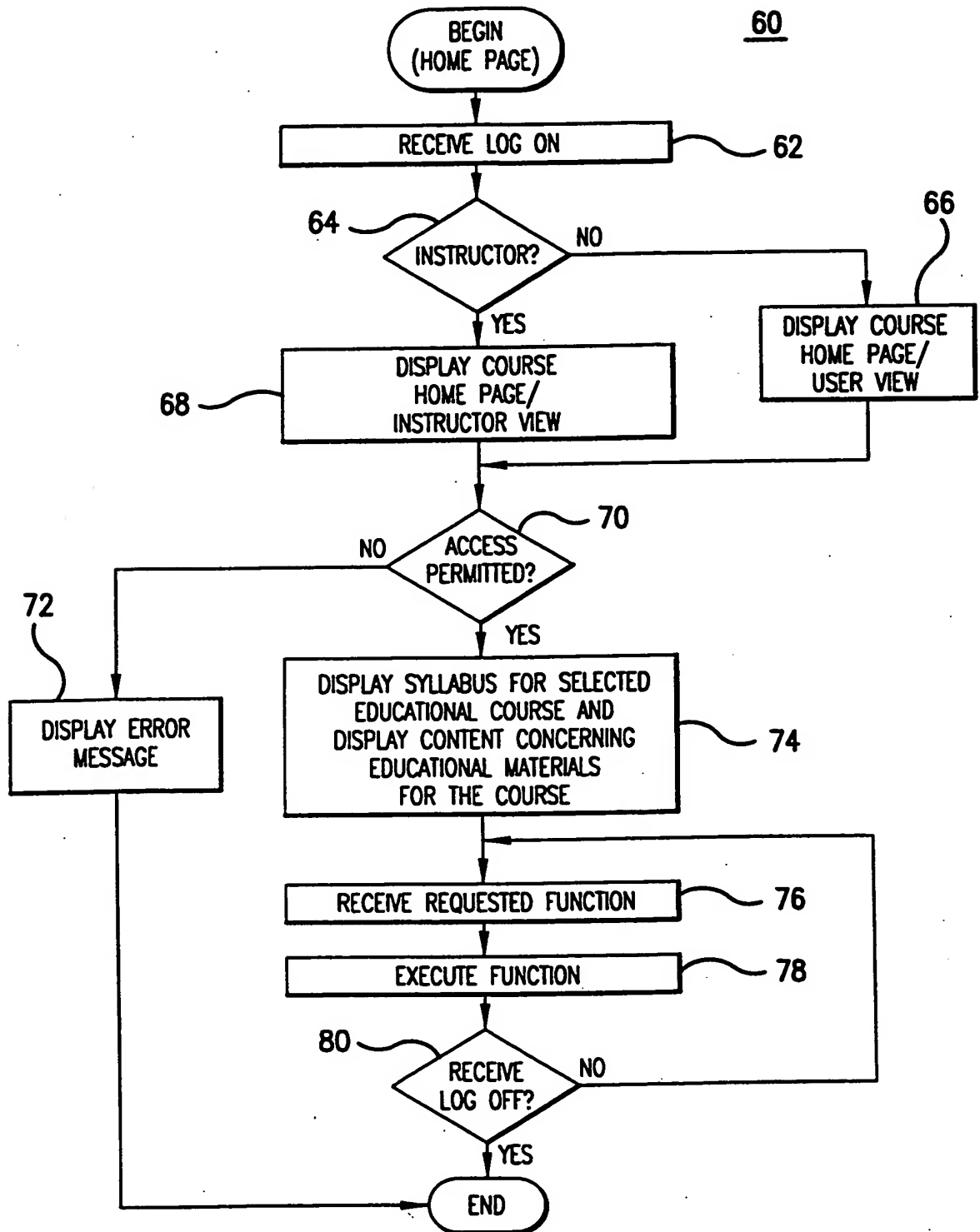


FIG. 1A

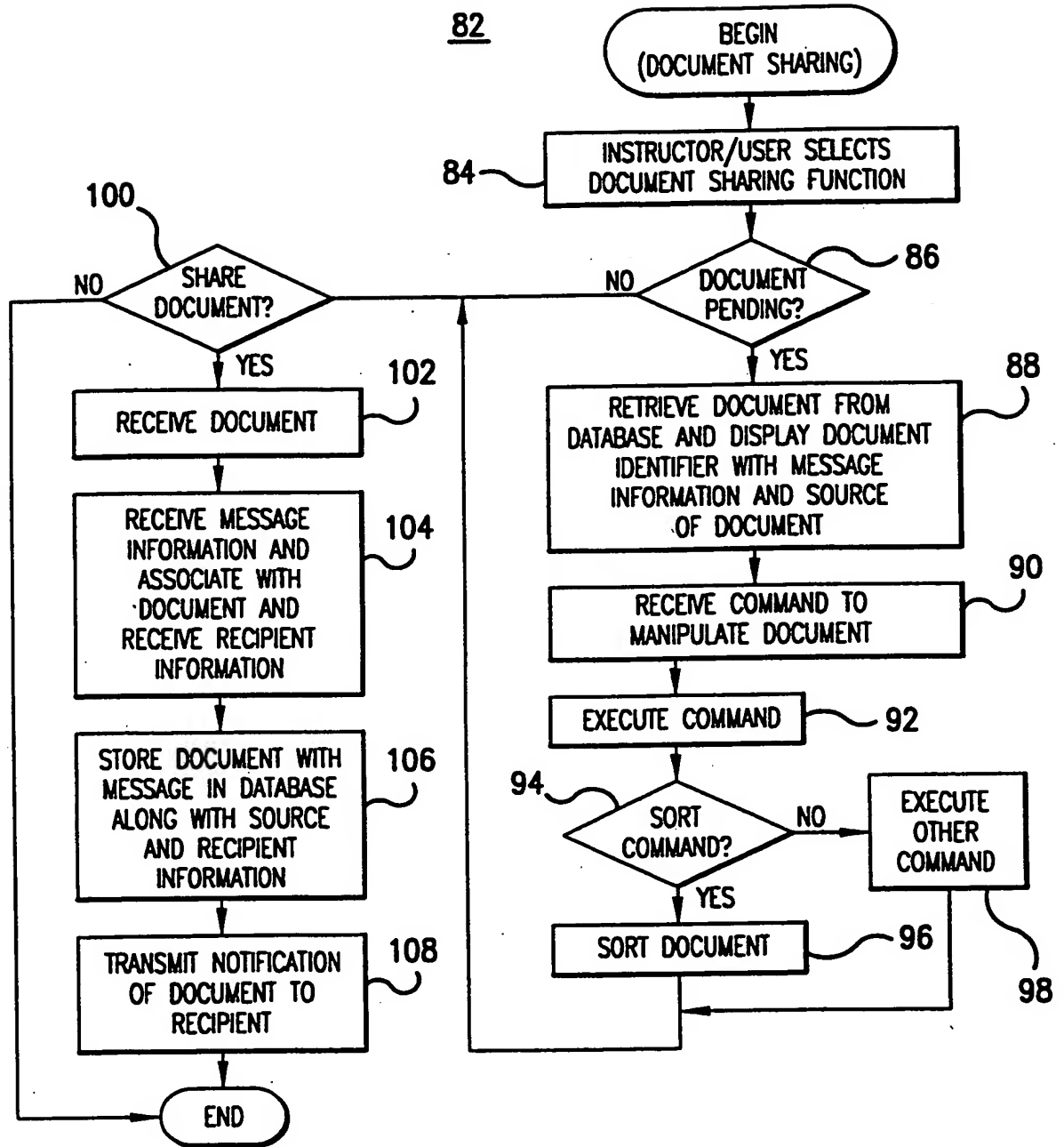


FIG. 1B

20240404 15:00:00

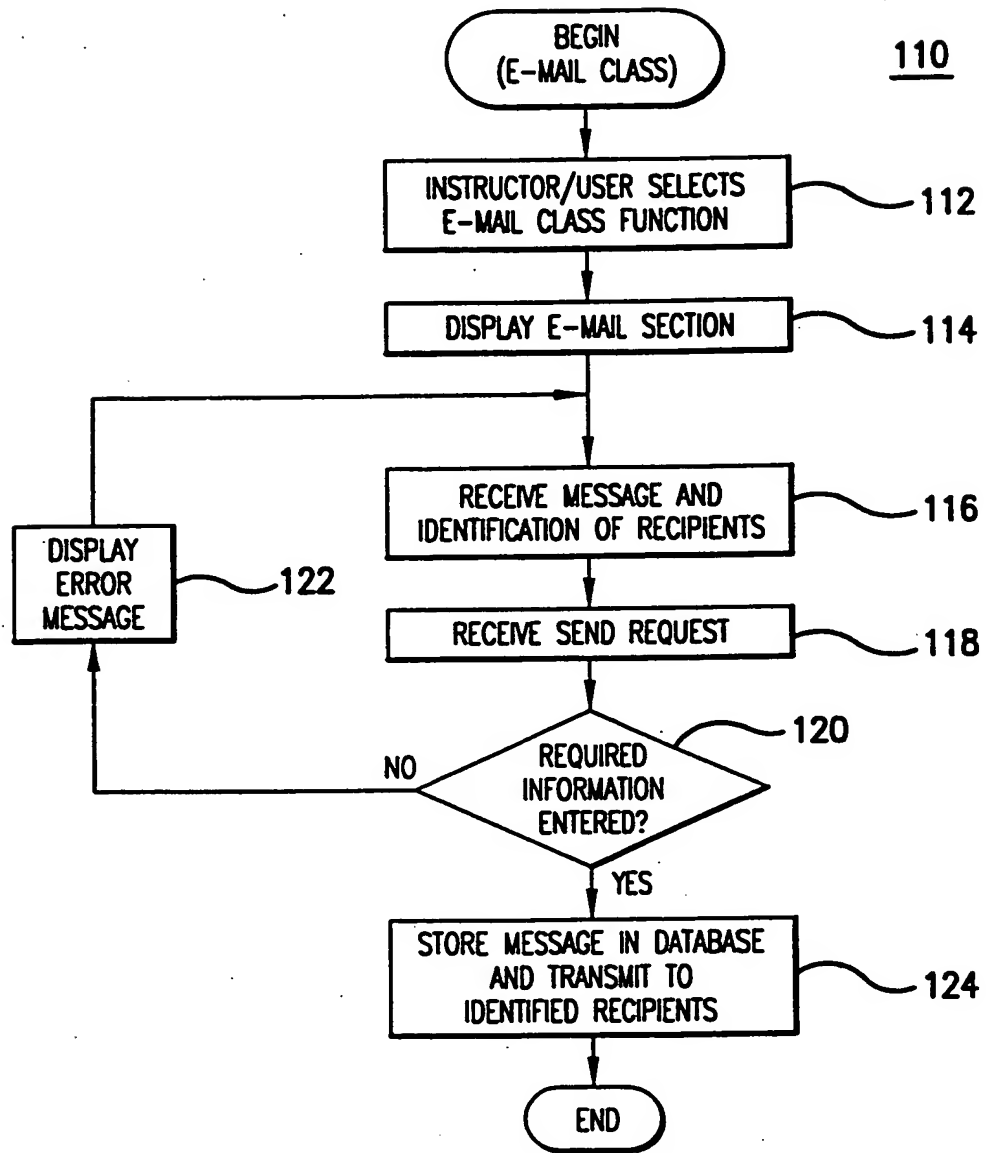


FIG. 1C

209240" 467900T
10061794.042602

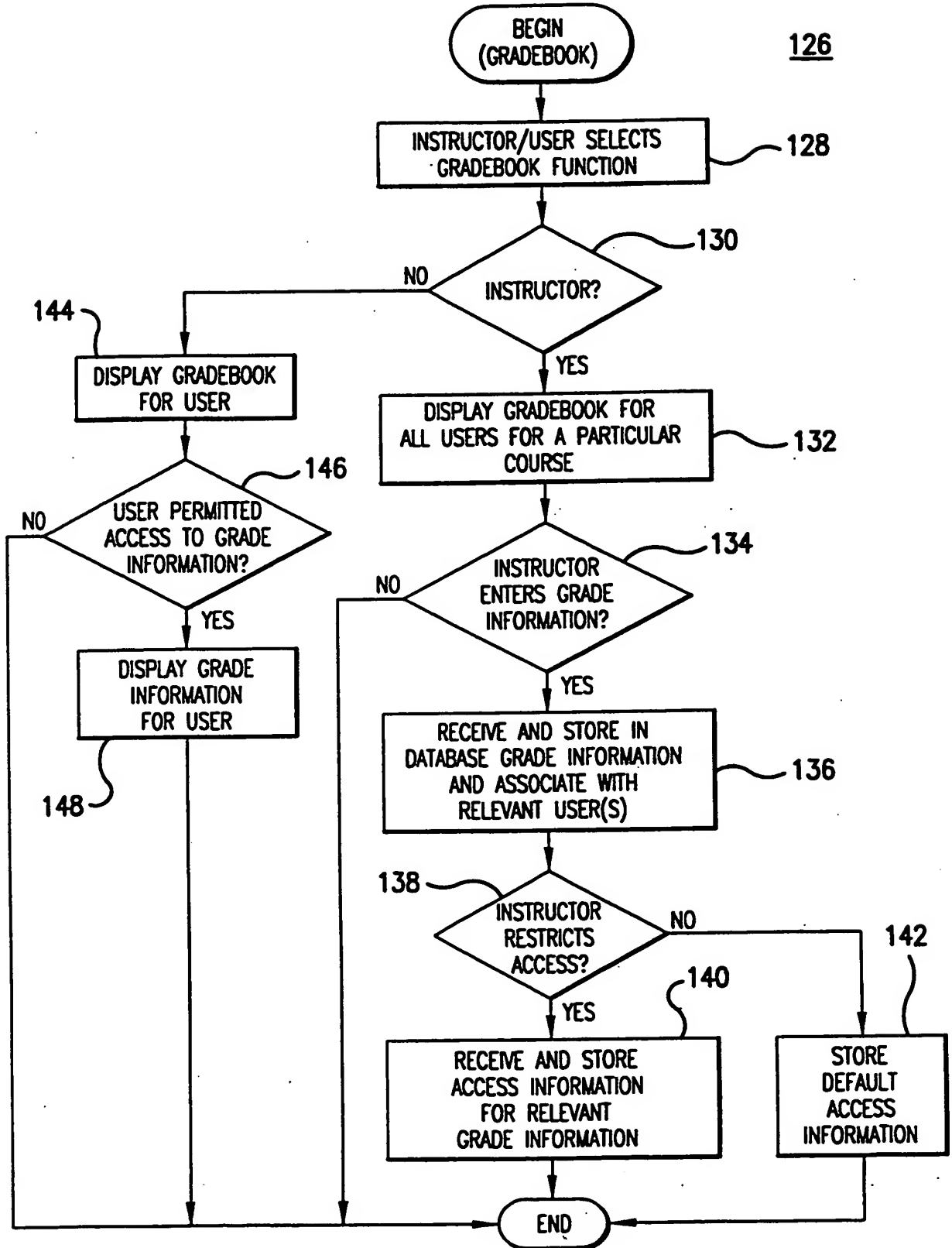


FIG. 1D

20061794-042600

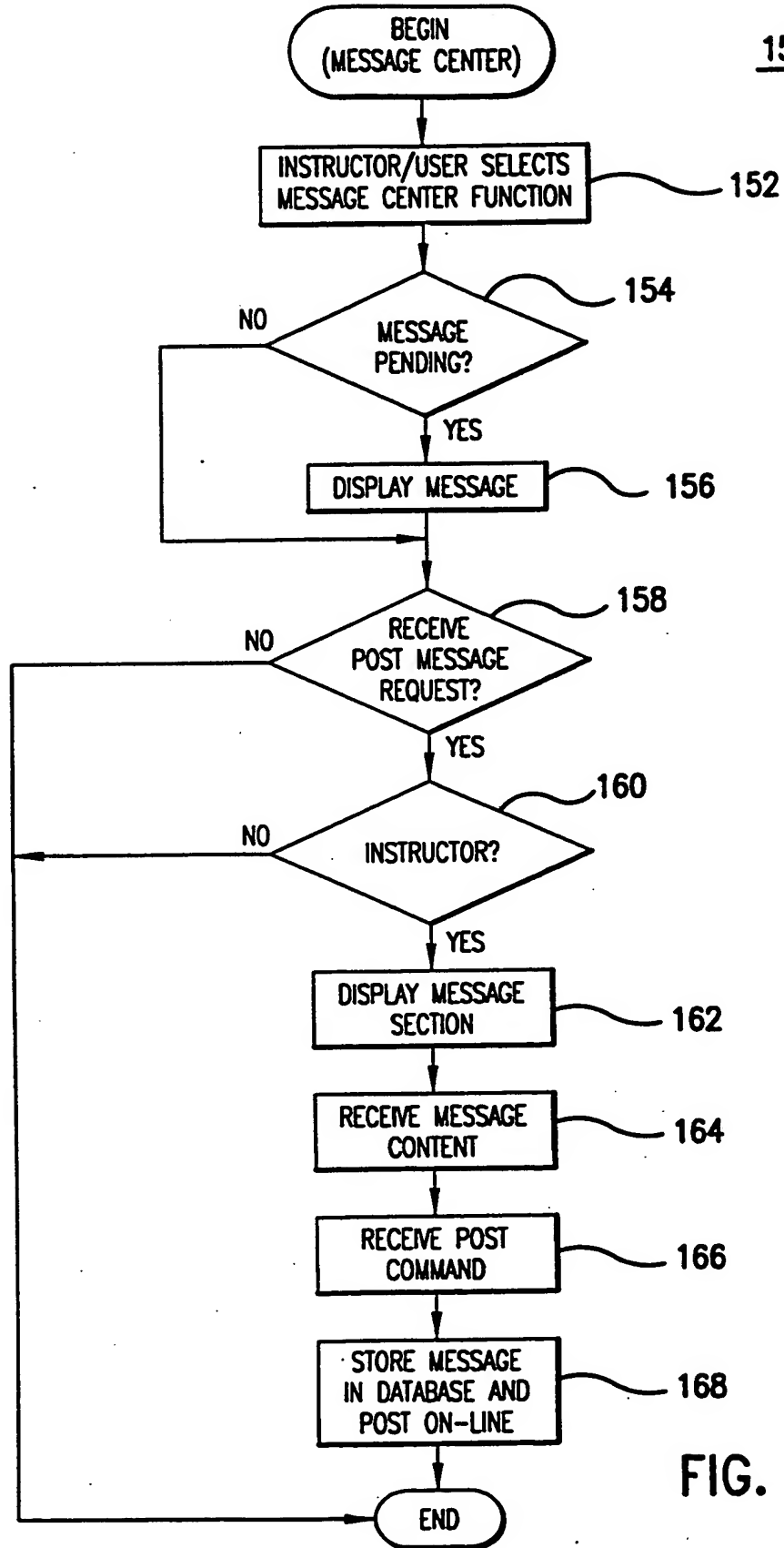


FIG. 1E

209240" 4679001
10061794.042602

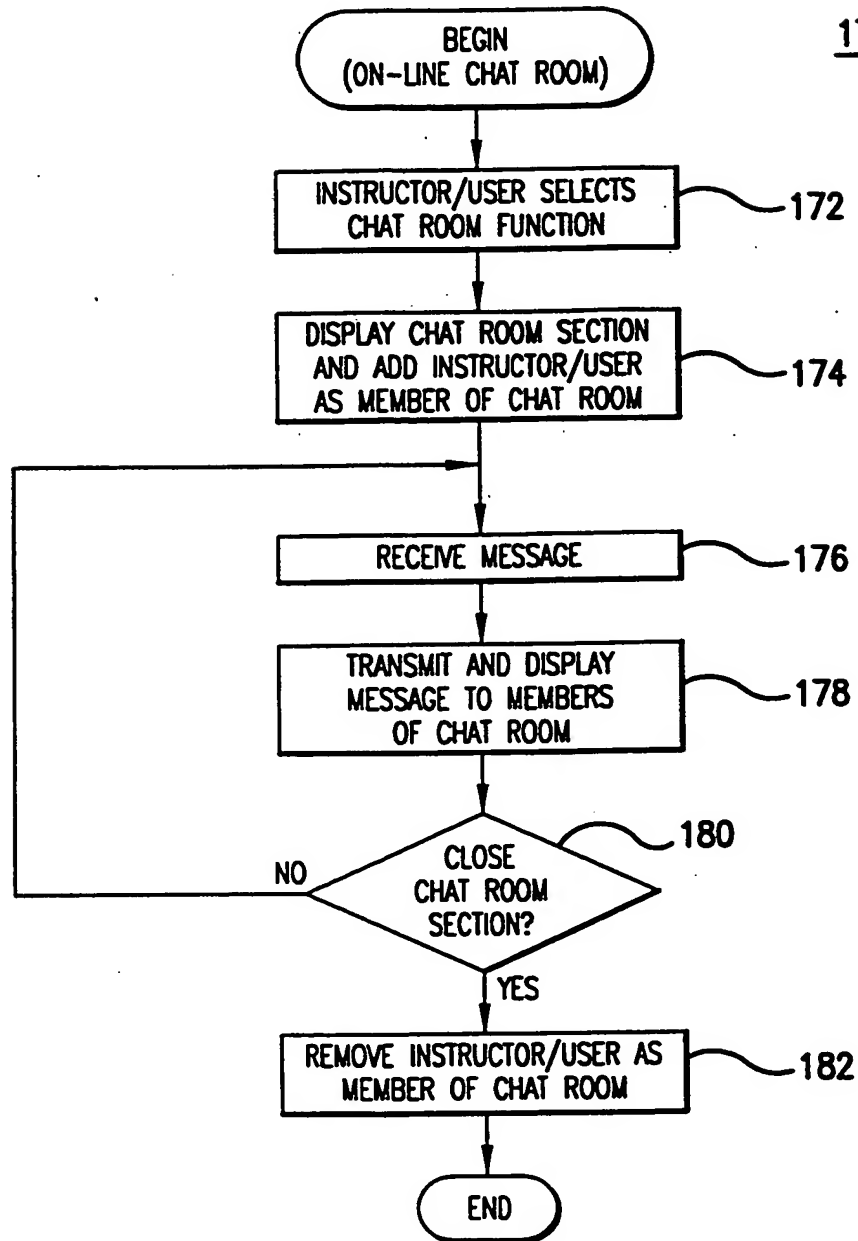


FIG. 1F

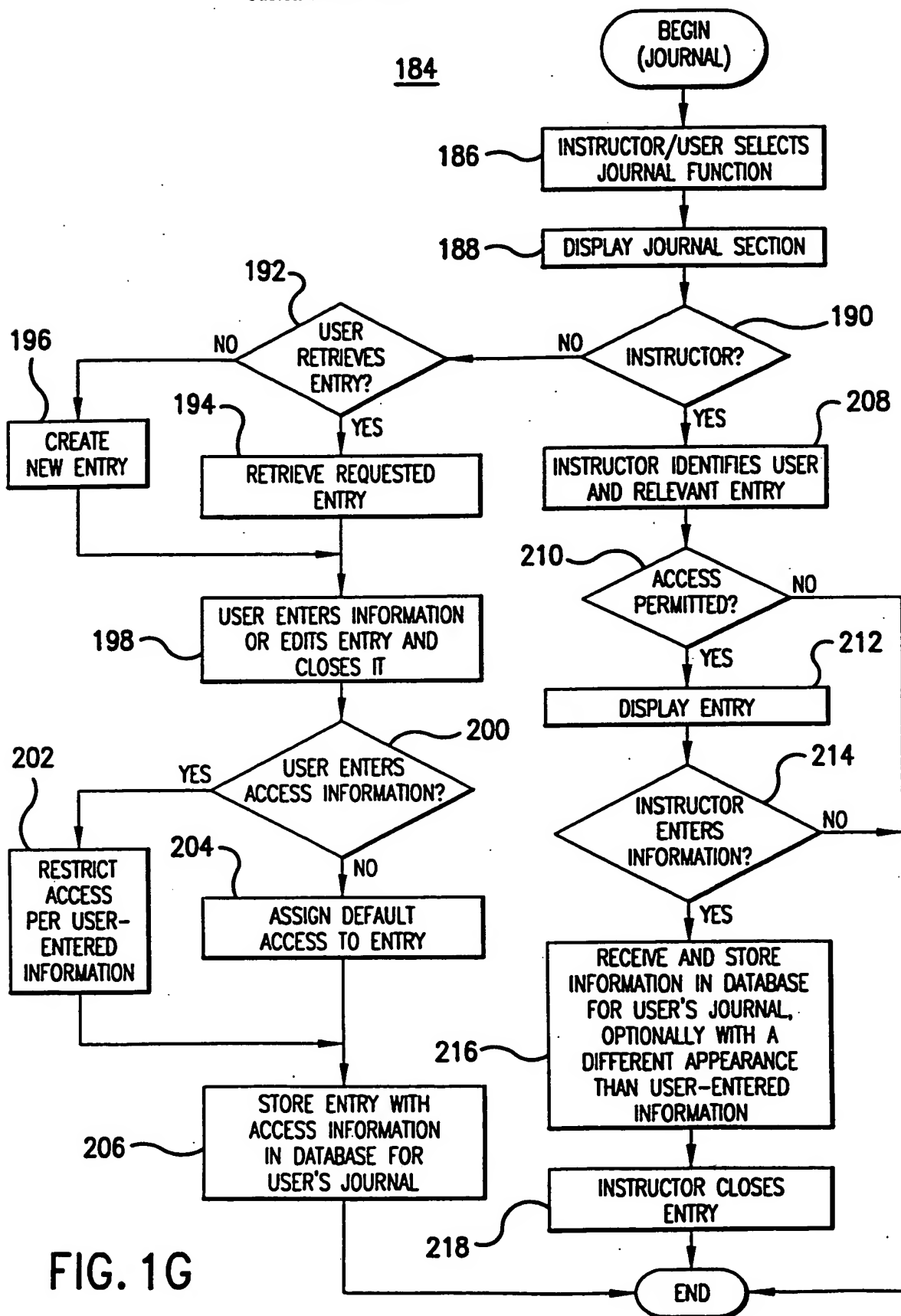


FIG. 1G

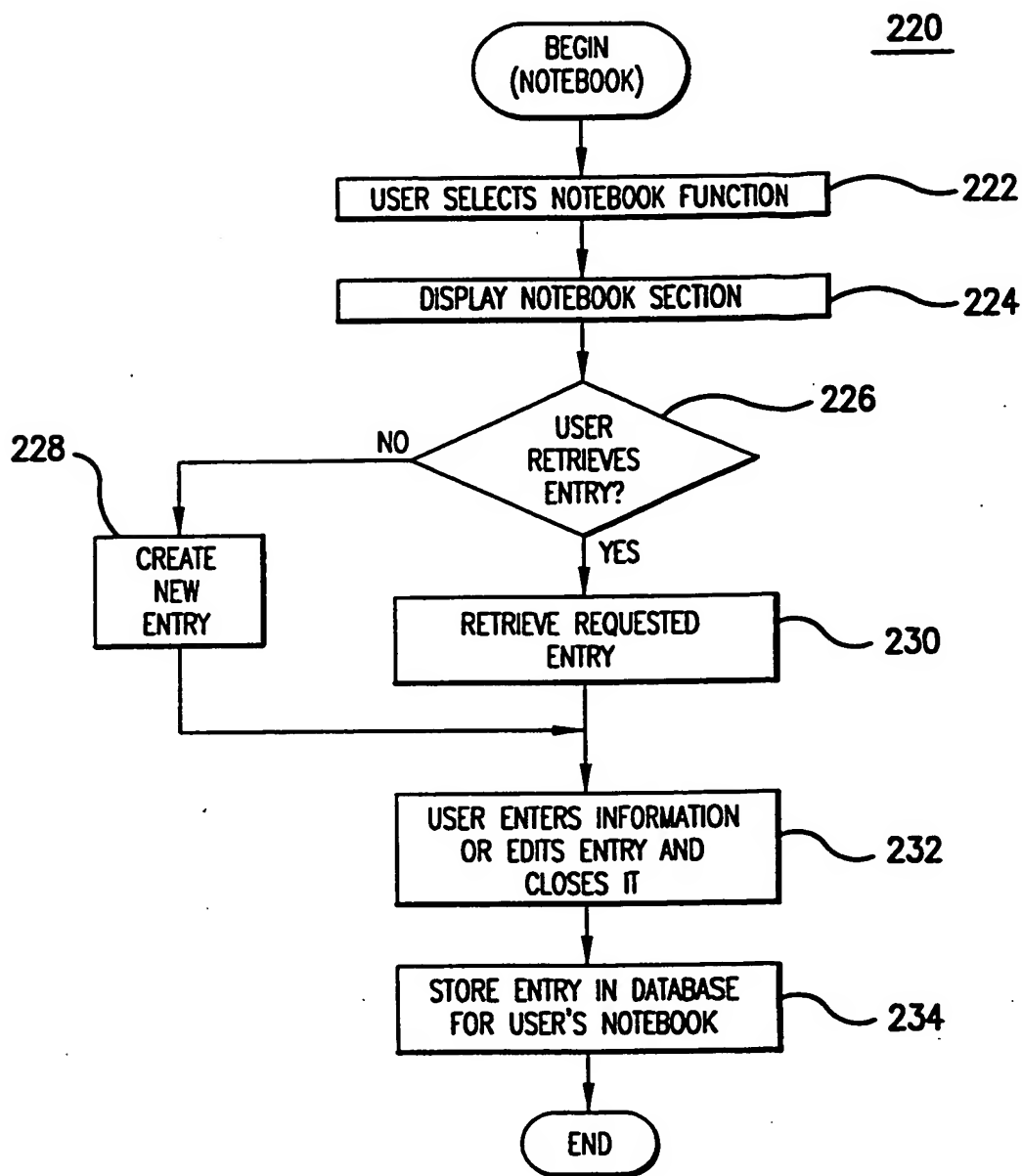


FIG. 1H

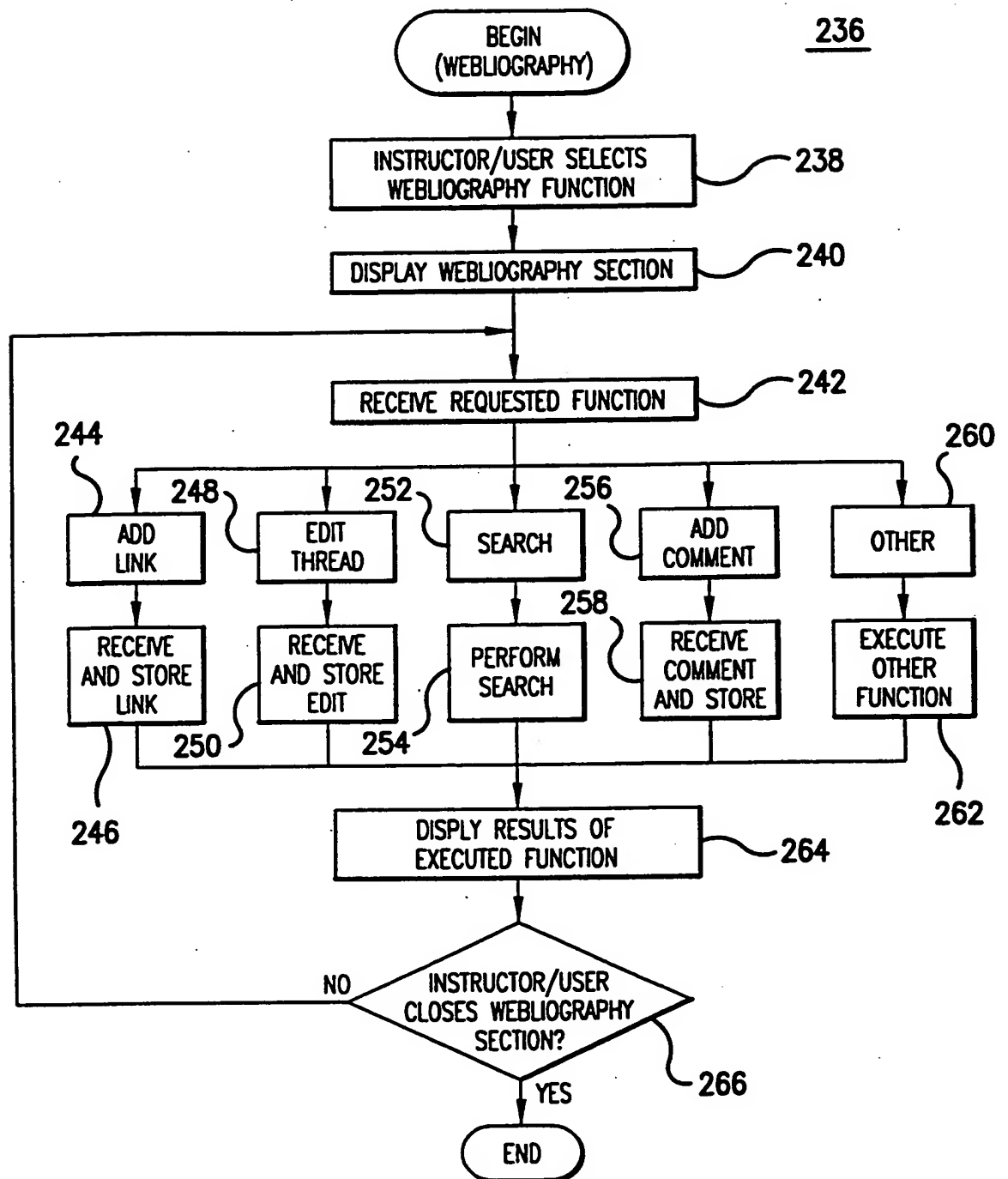


FIG. 11

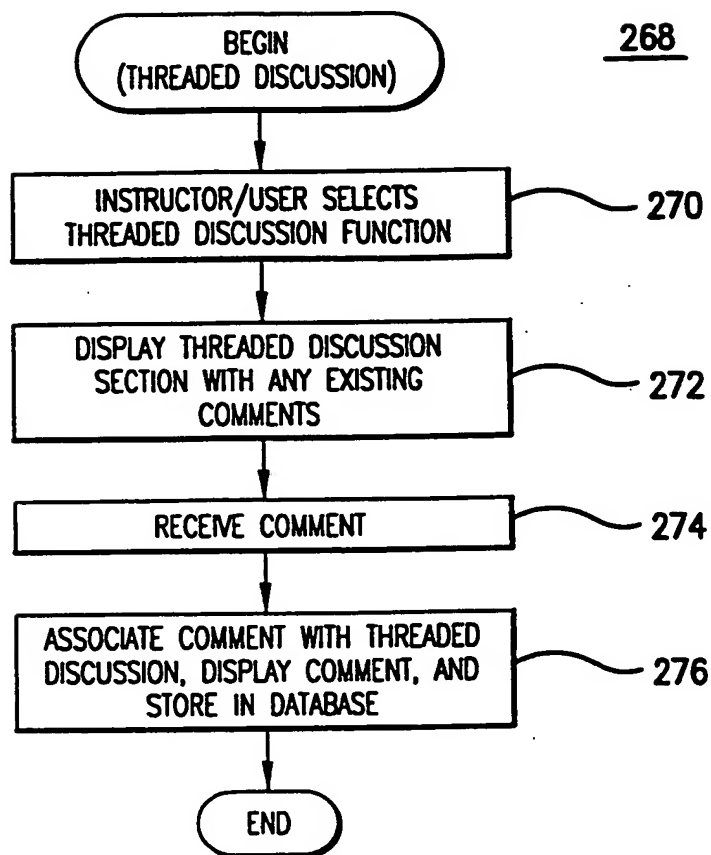


FIG. 1J

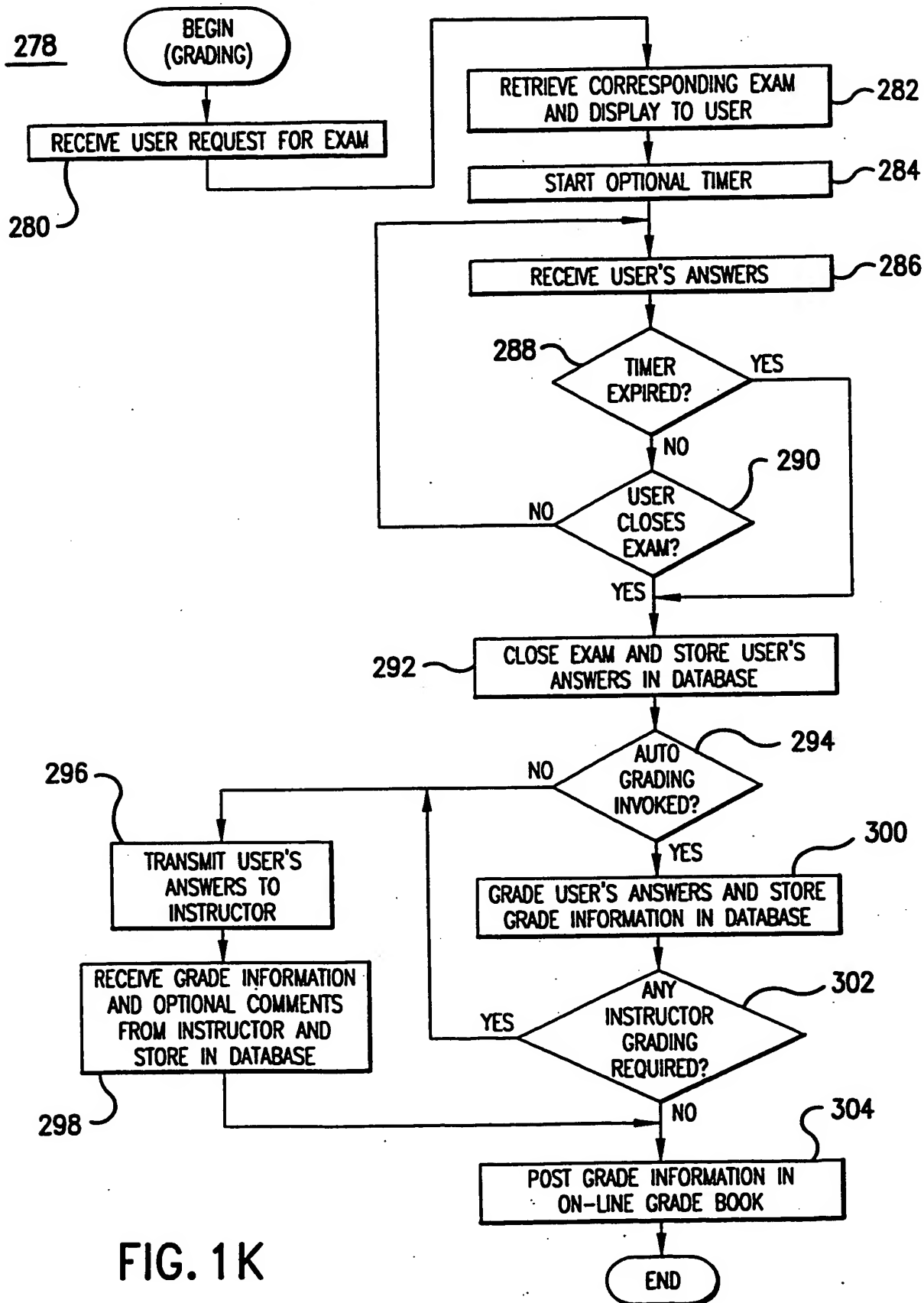
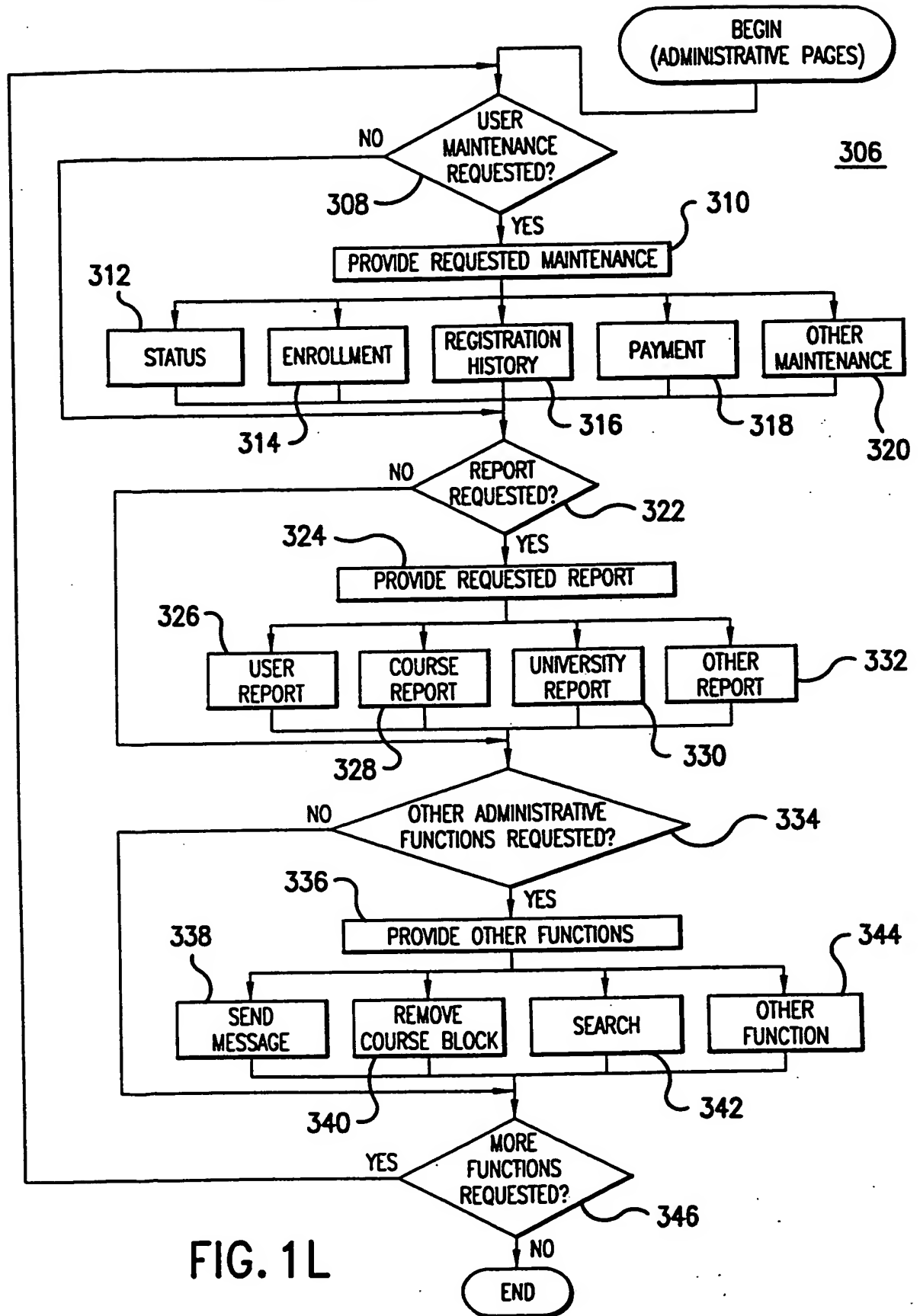


FIG. 1K

10061794.042602



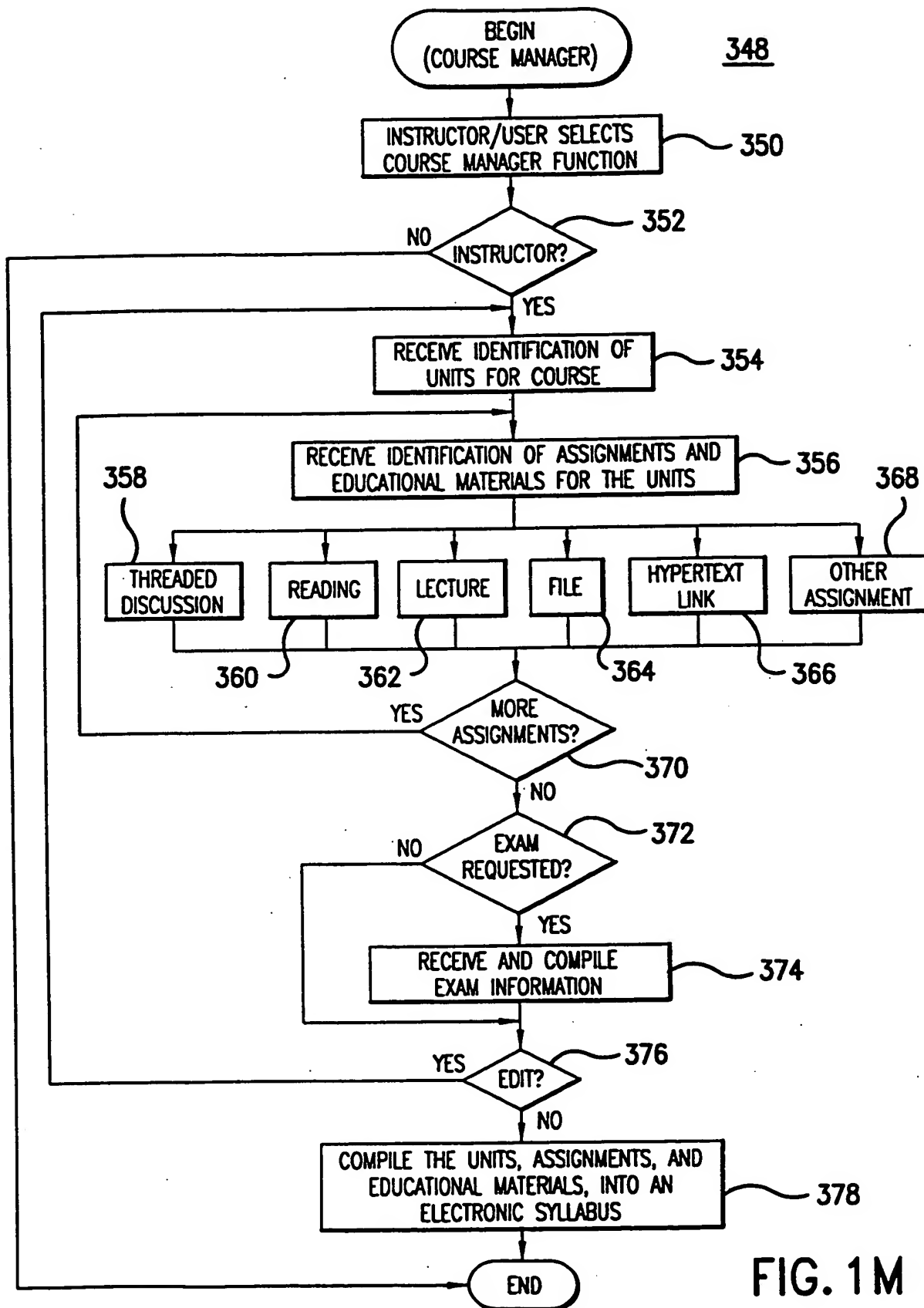


FIG. 1M

500

FIG.2A	FIG.2B	FIG.2C	FIG.2D	FIG.2E	FIG.2F
FIG.2G	FIG.2H	FIG.2I	FIG.2J	FIG.2K	FIG.2L
FIG.2M	FIG.2N	FIG.2O	FIG.2P	FIG.2Q	FIG.2R

FIG.2

FIG.2A

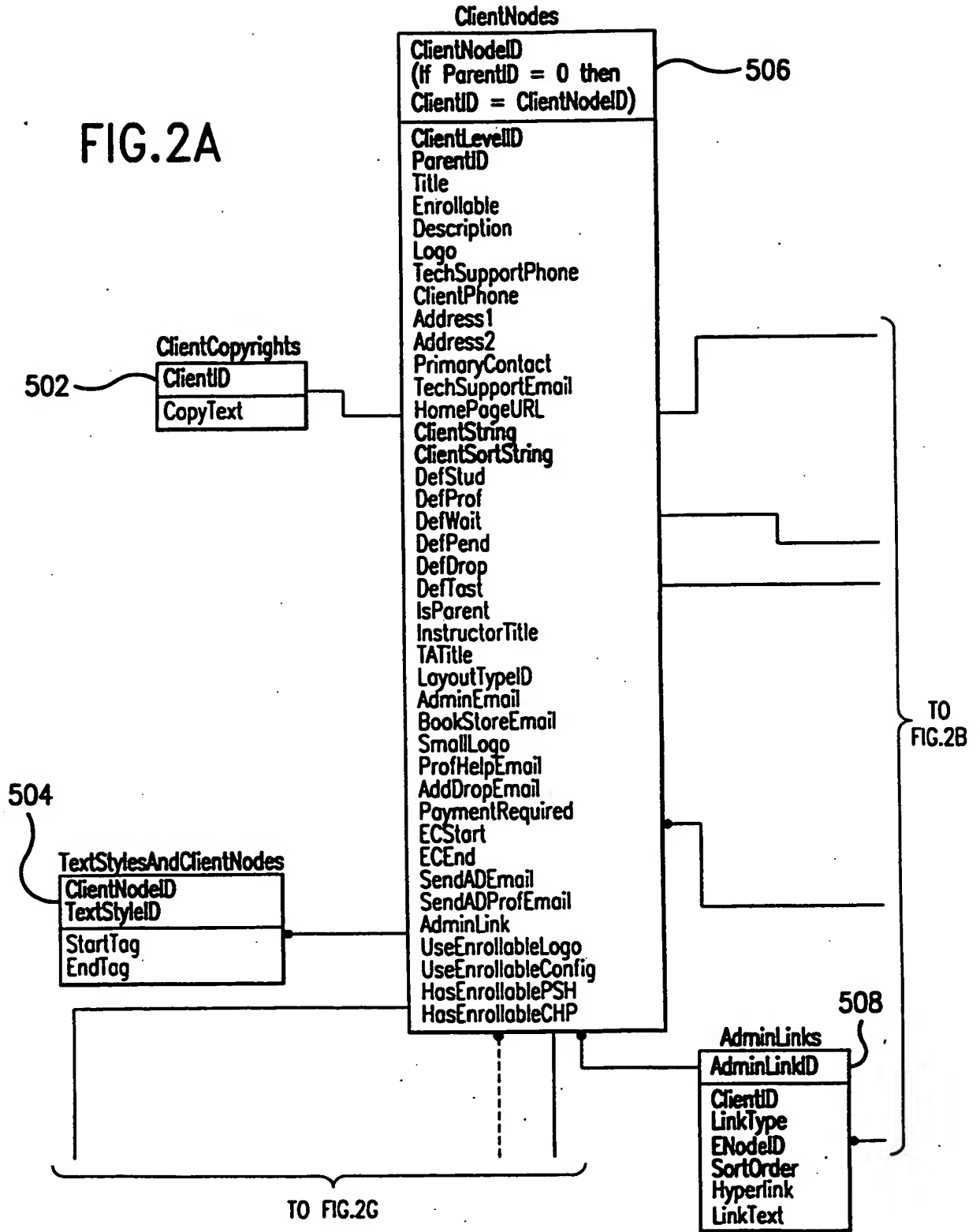
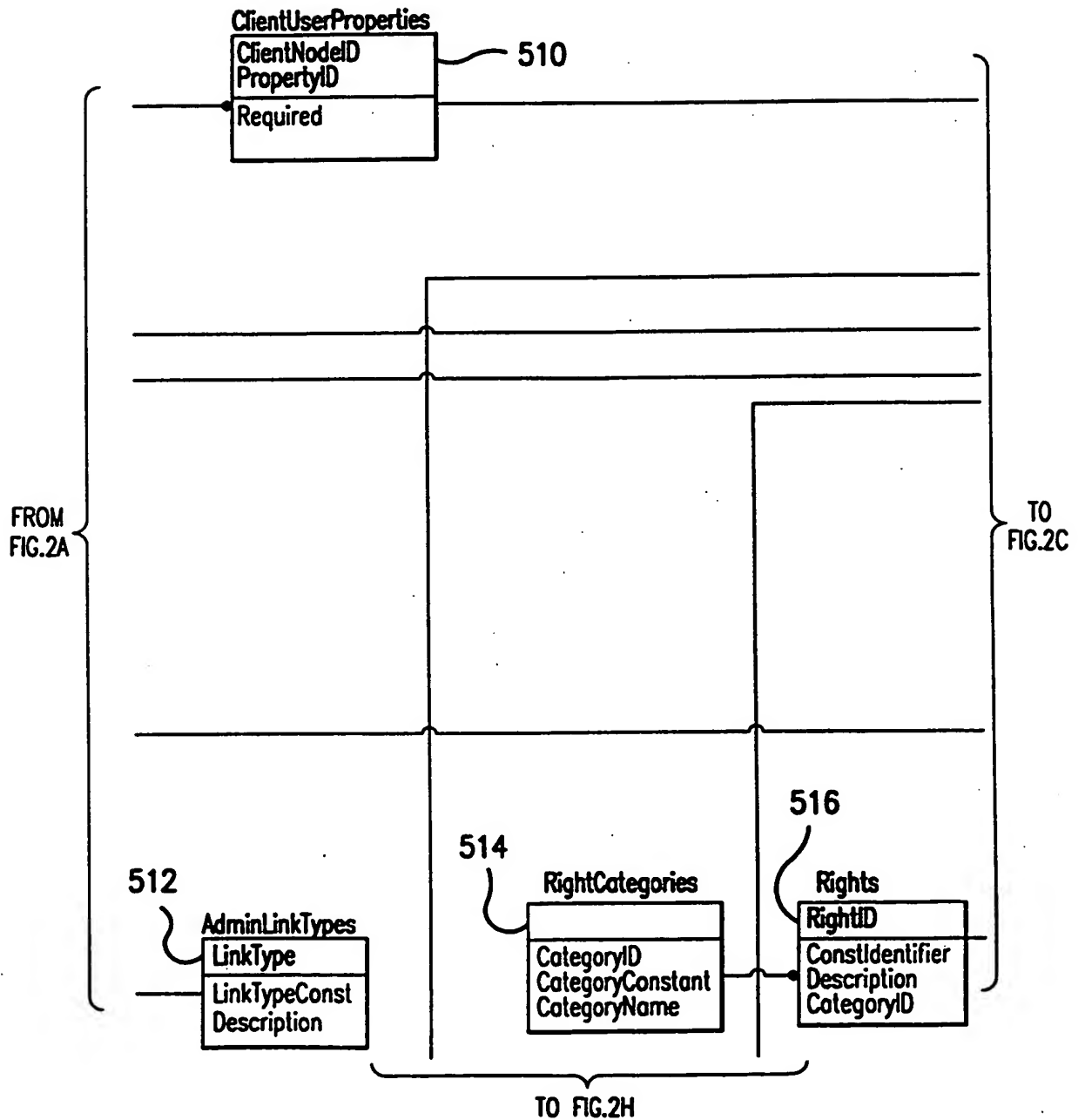
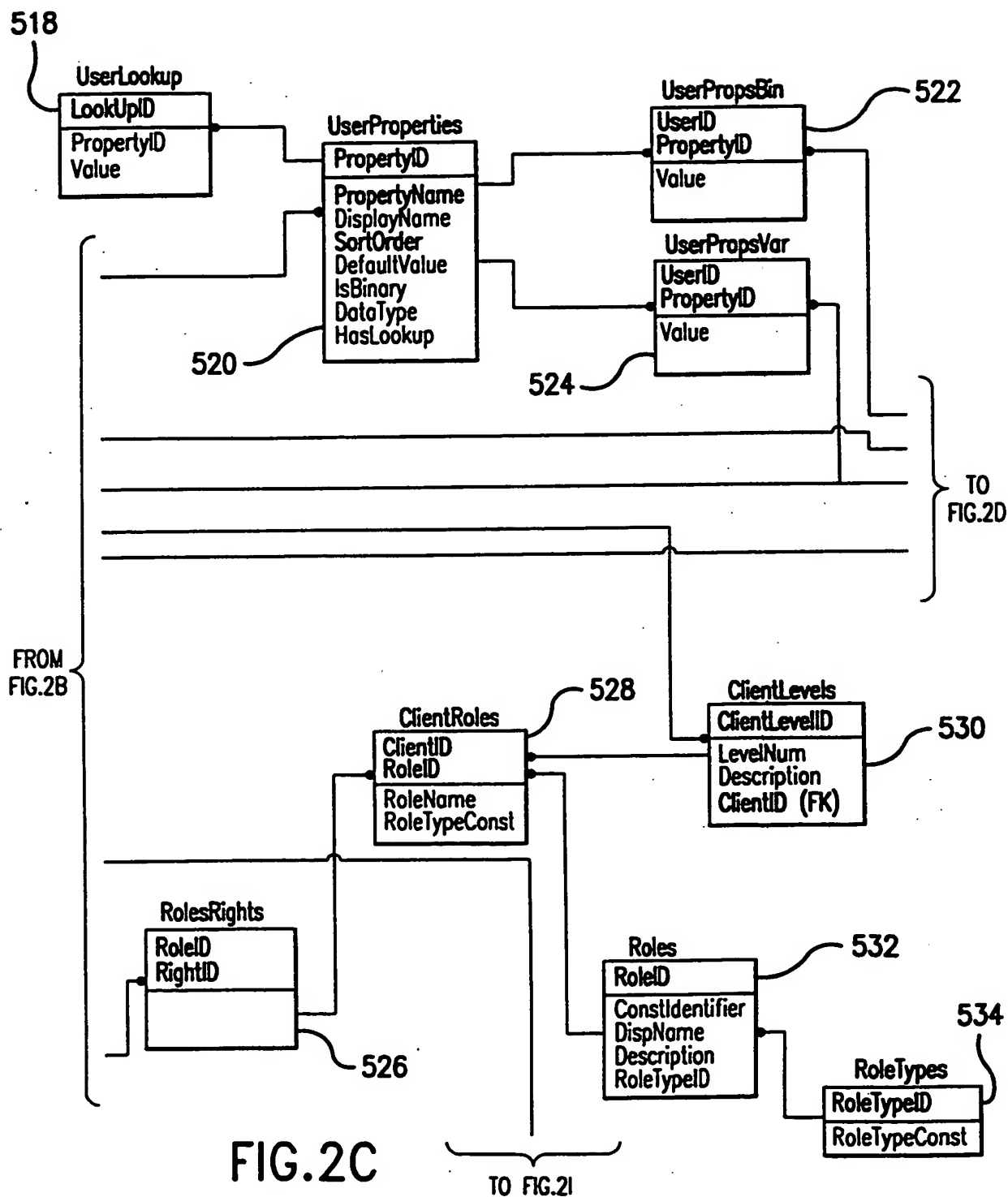
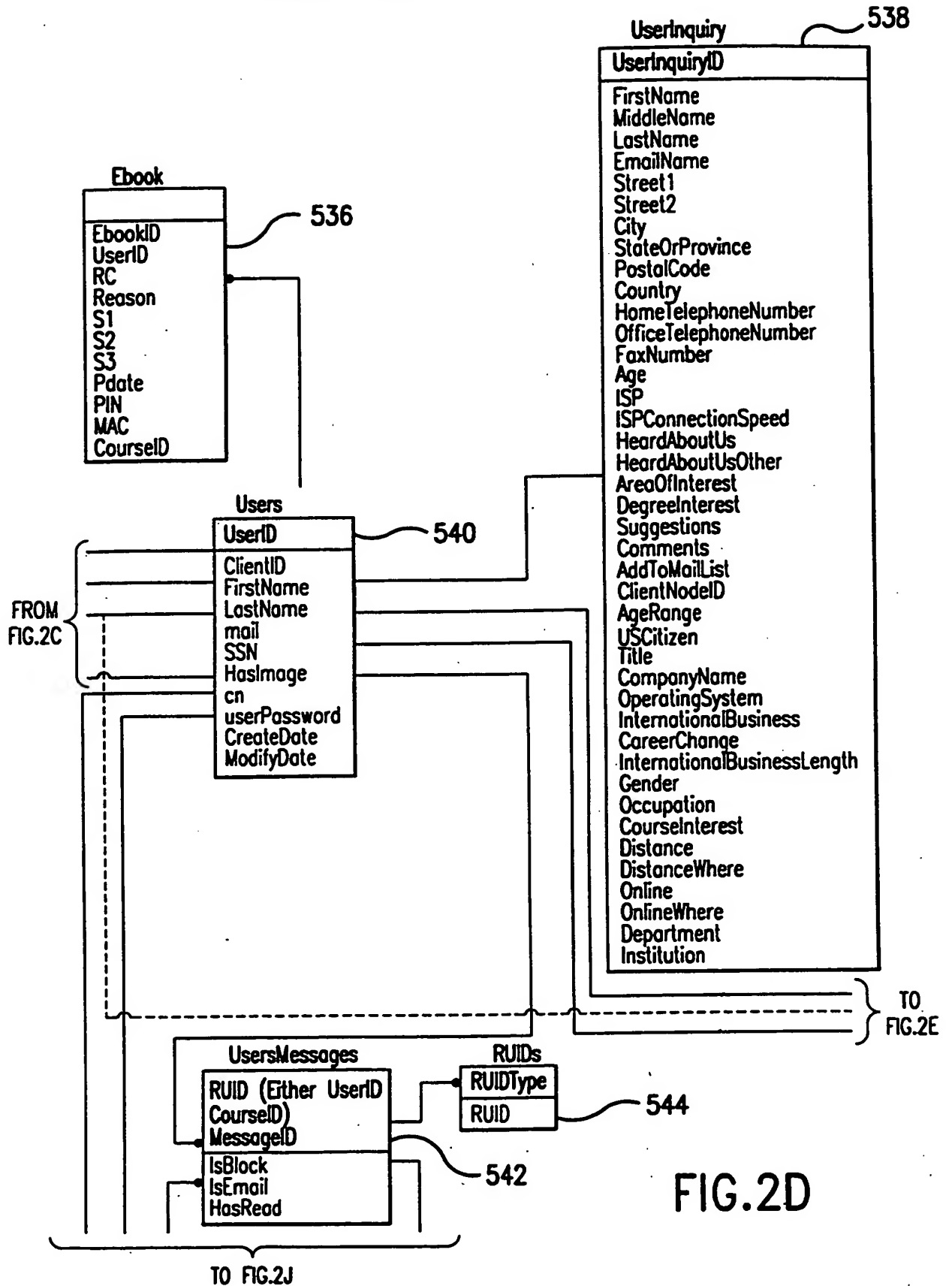


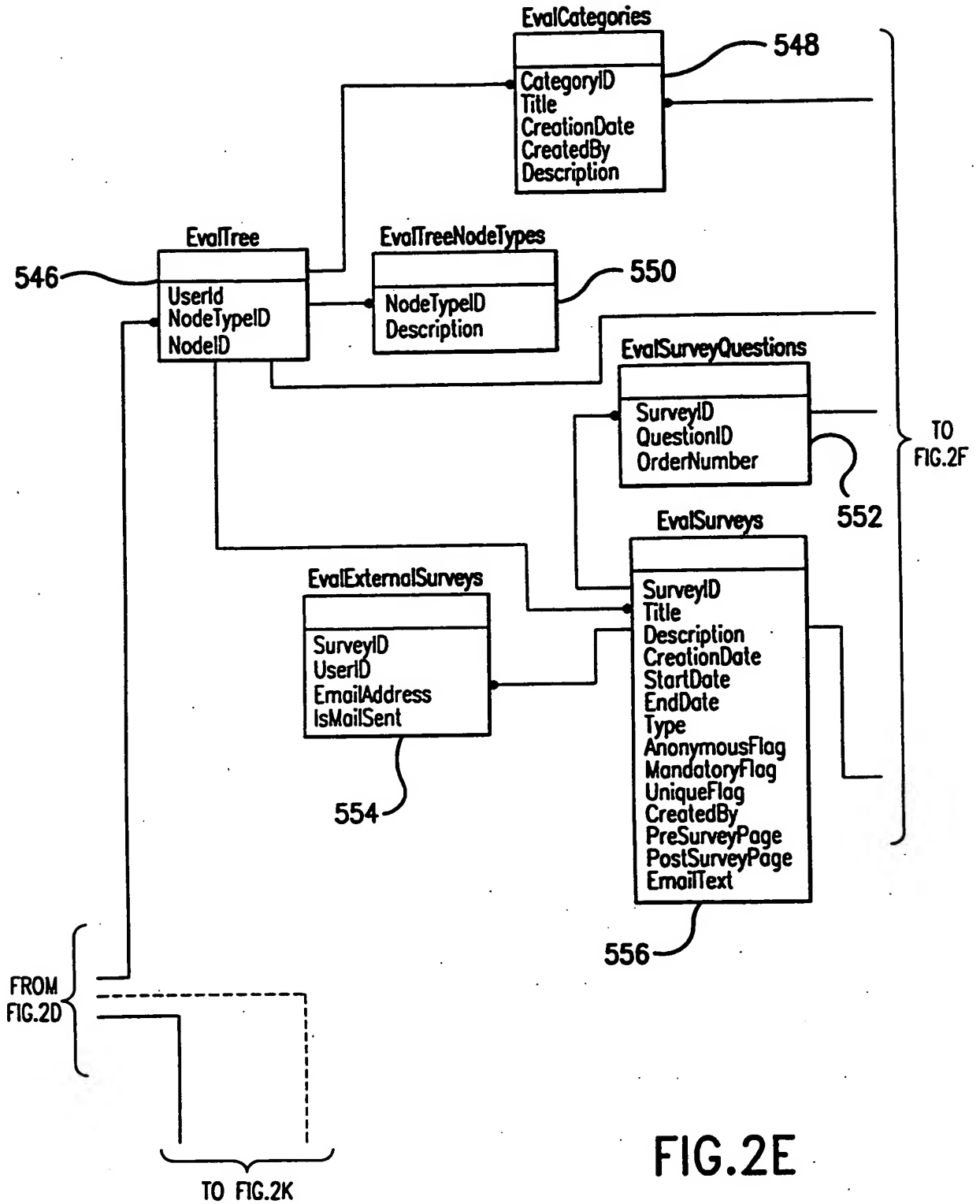
FIG.2B



200240-46719001







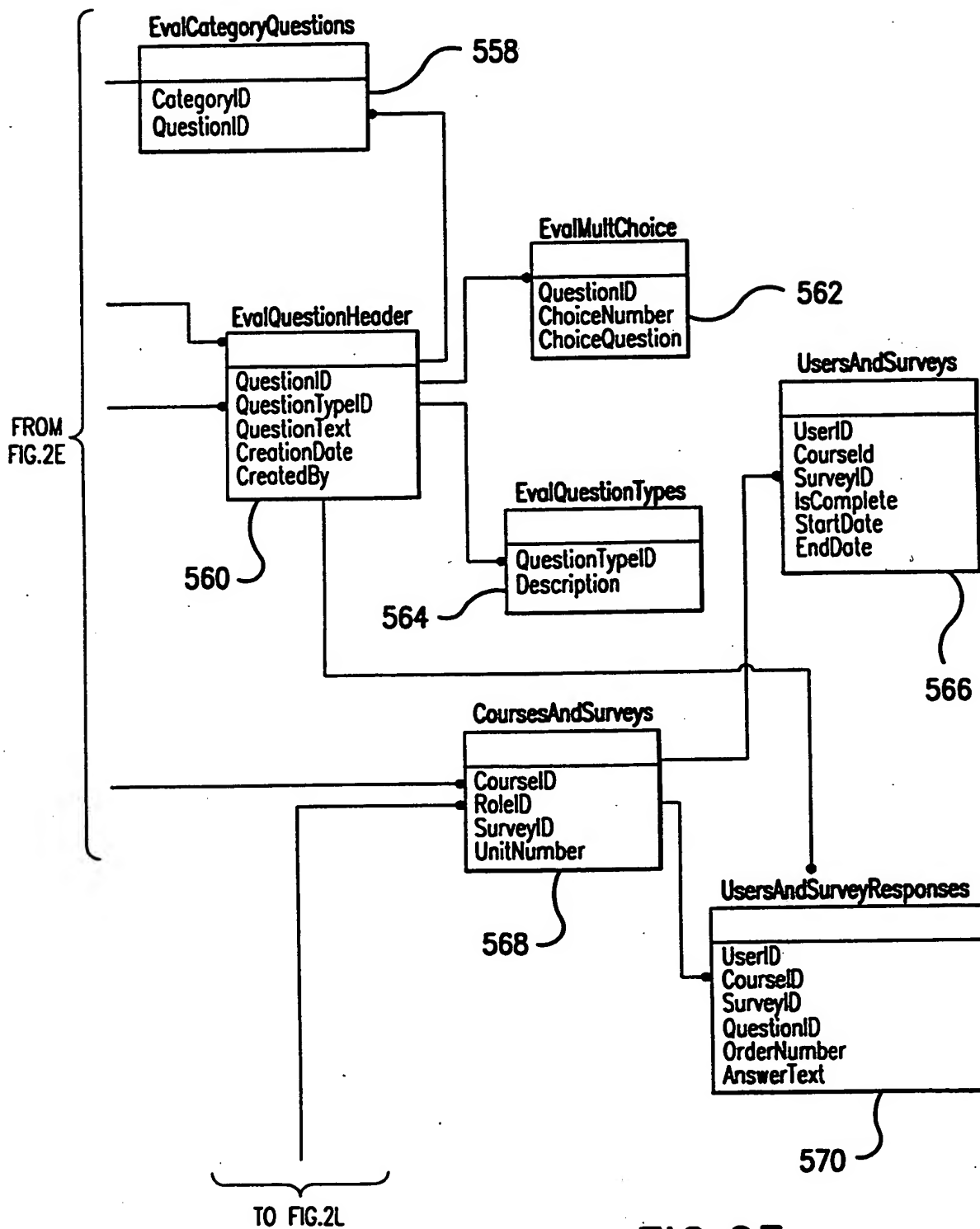
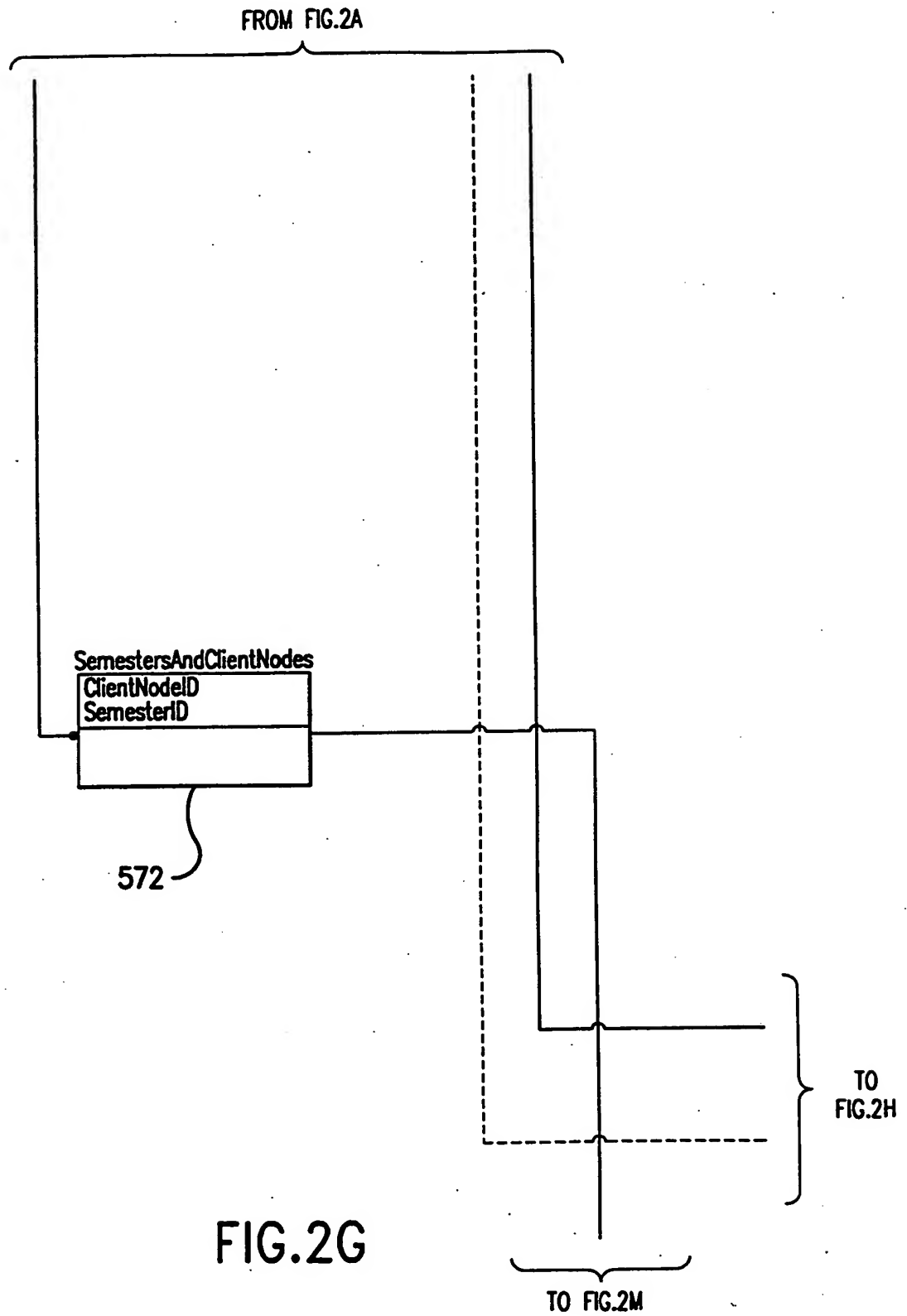


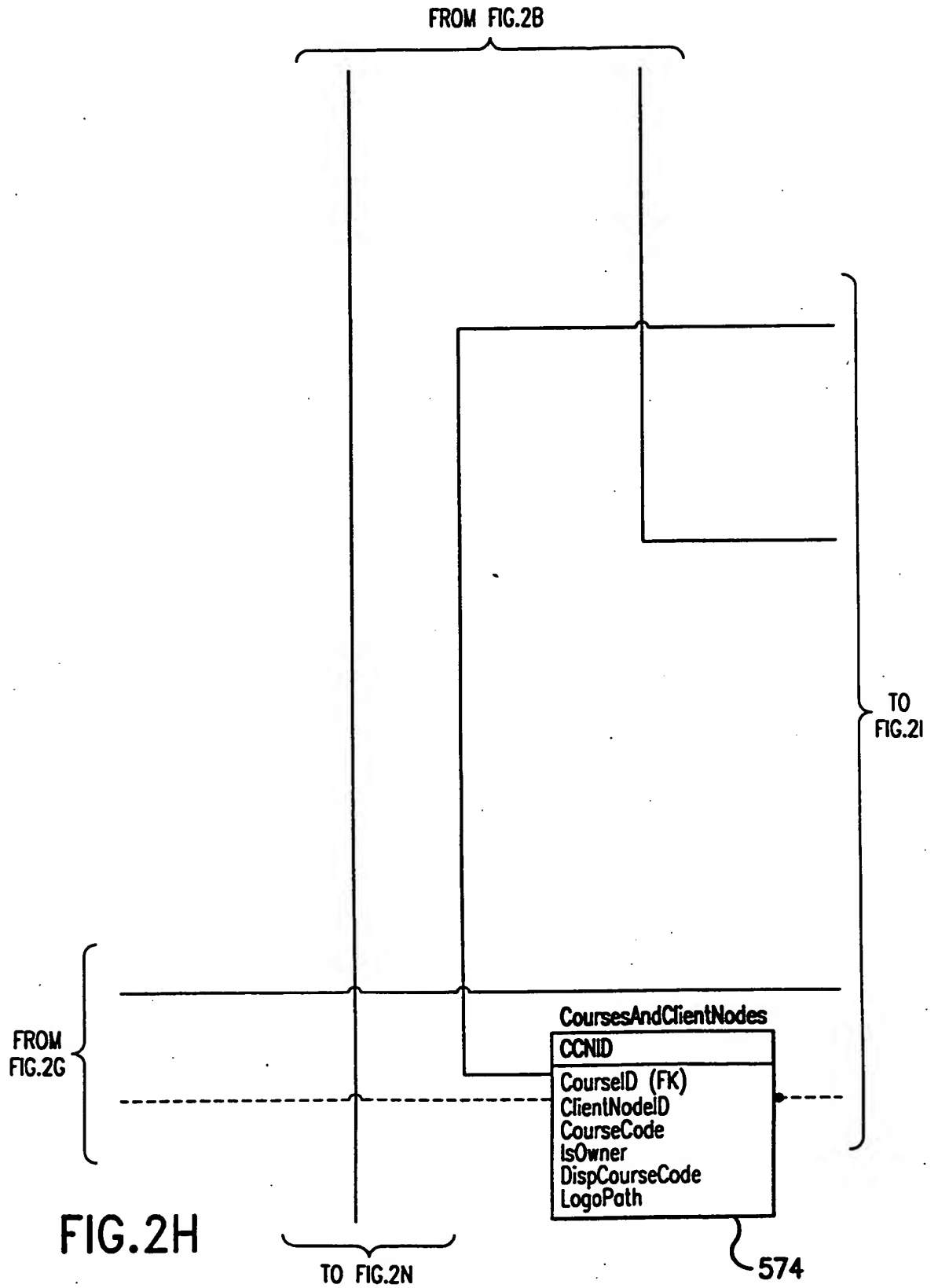
FIG.2F

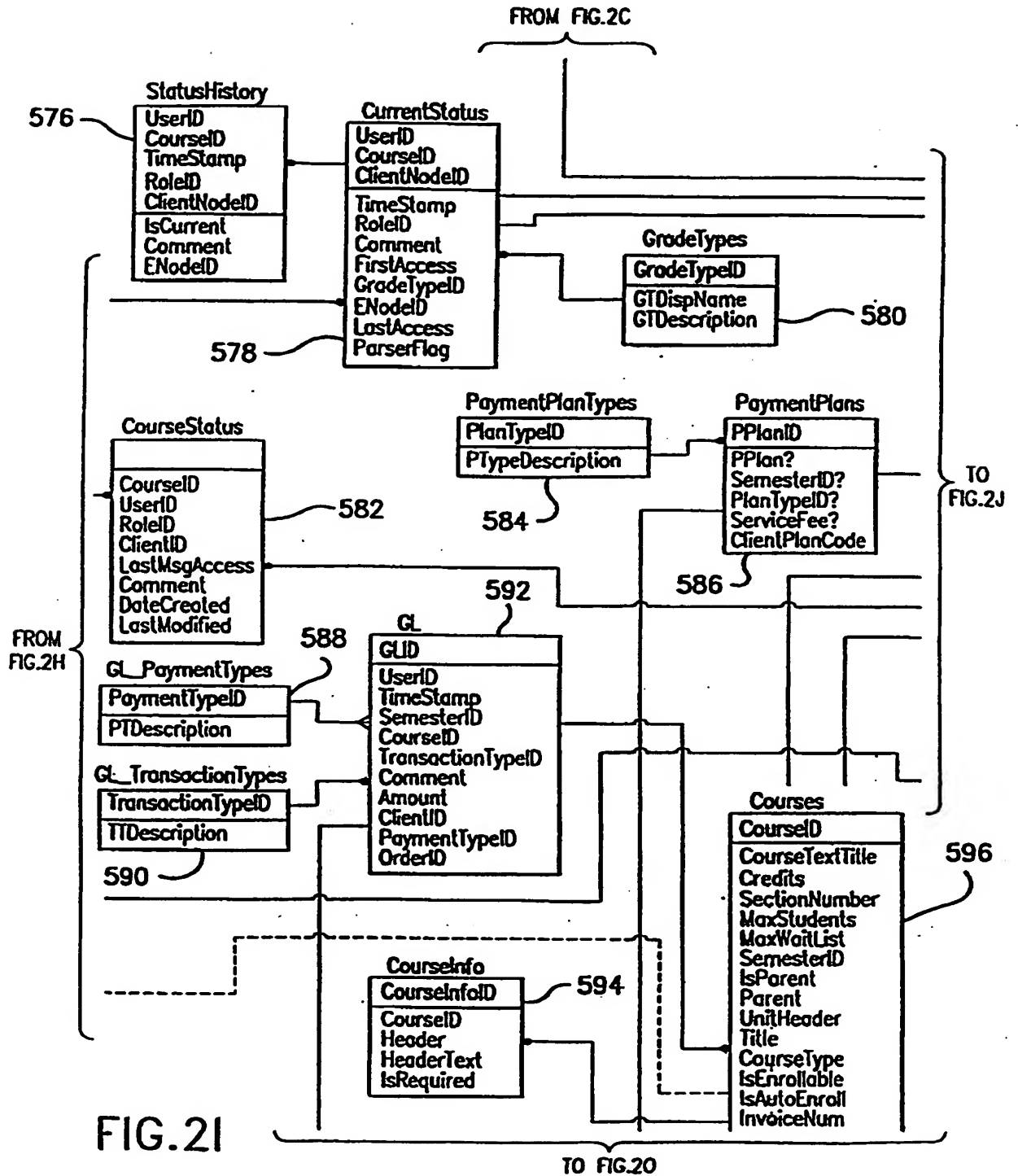
10061794.042602

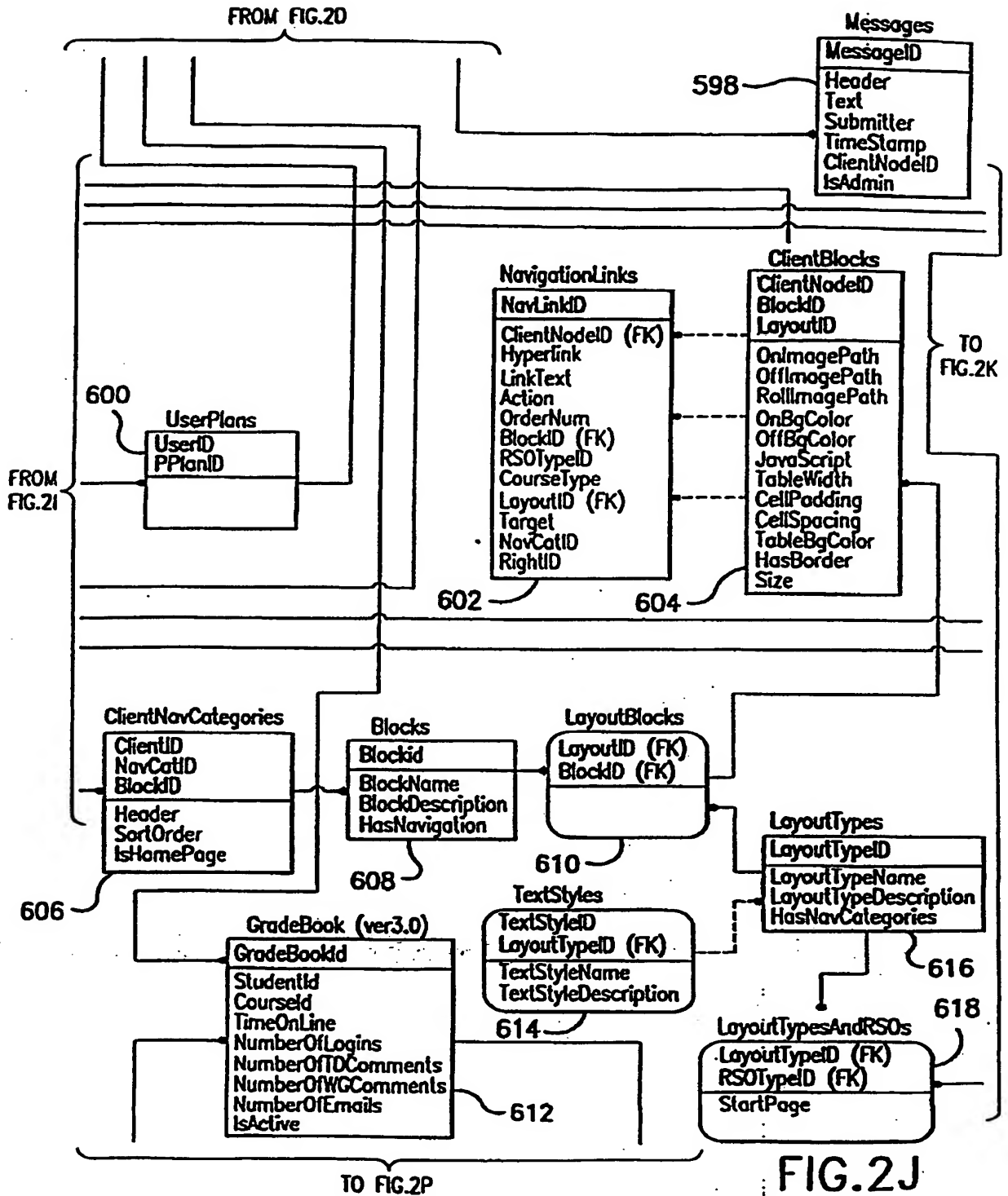
30061794.042602

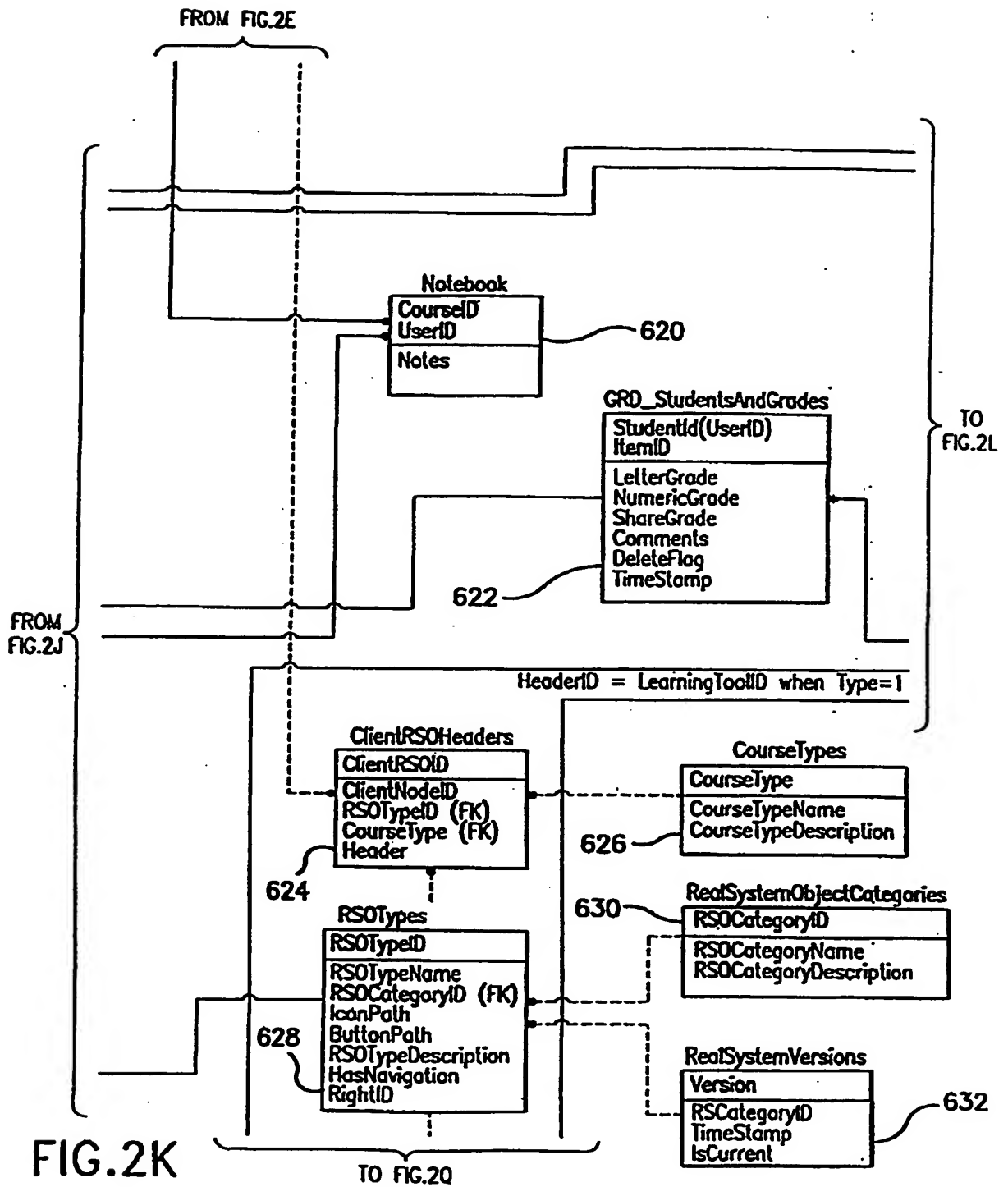


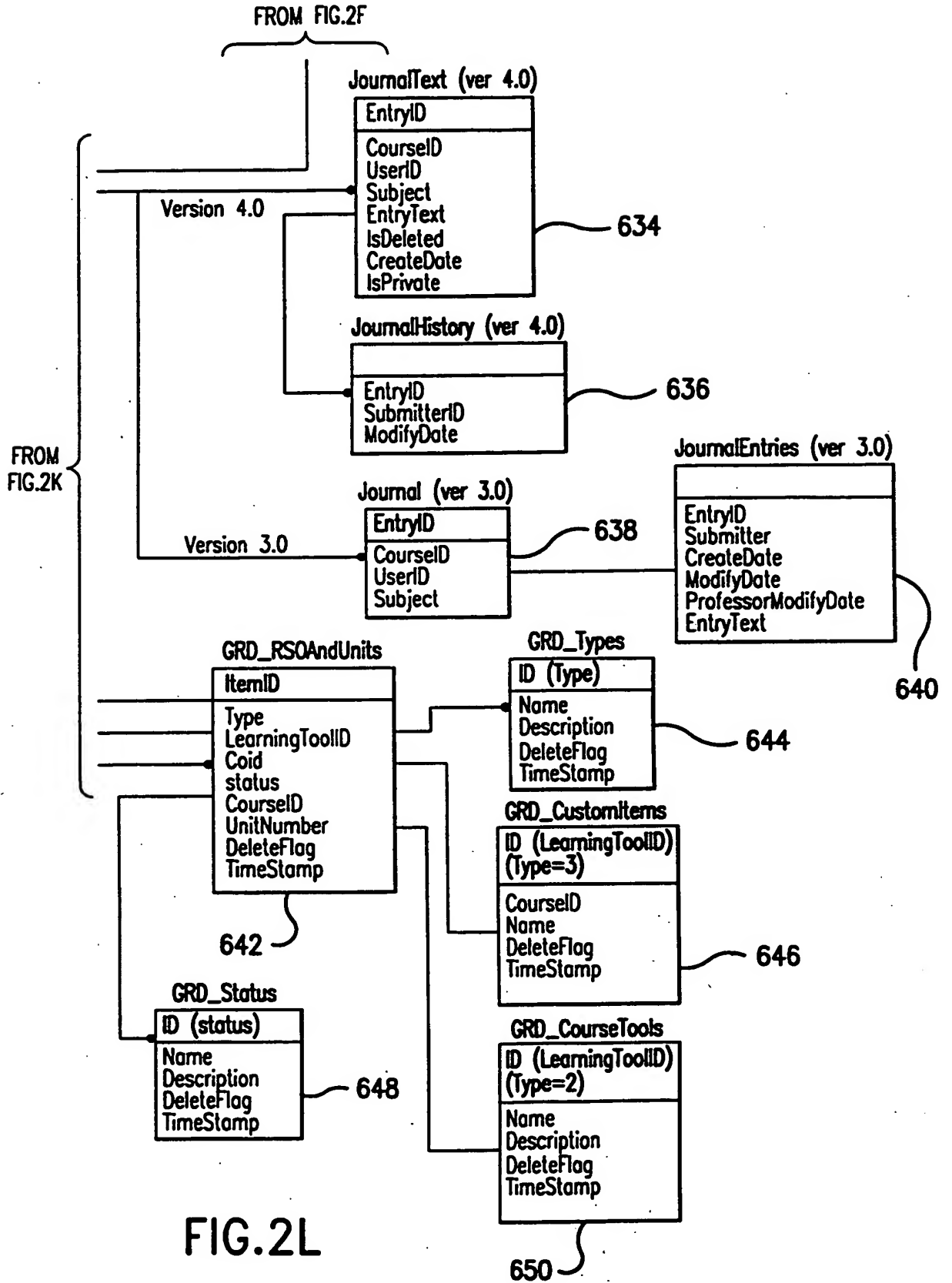
20061794-042602



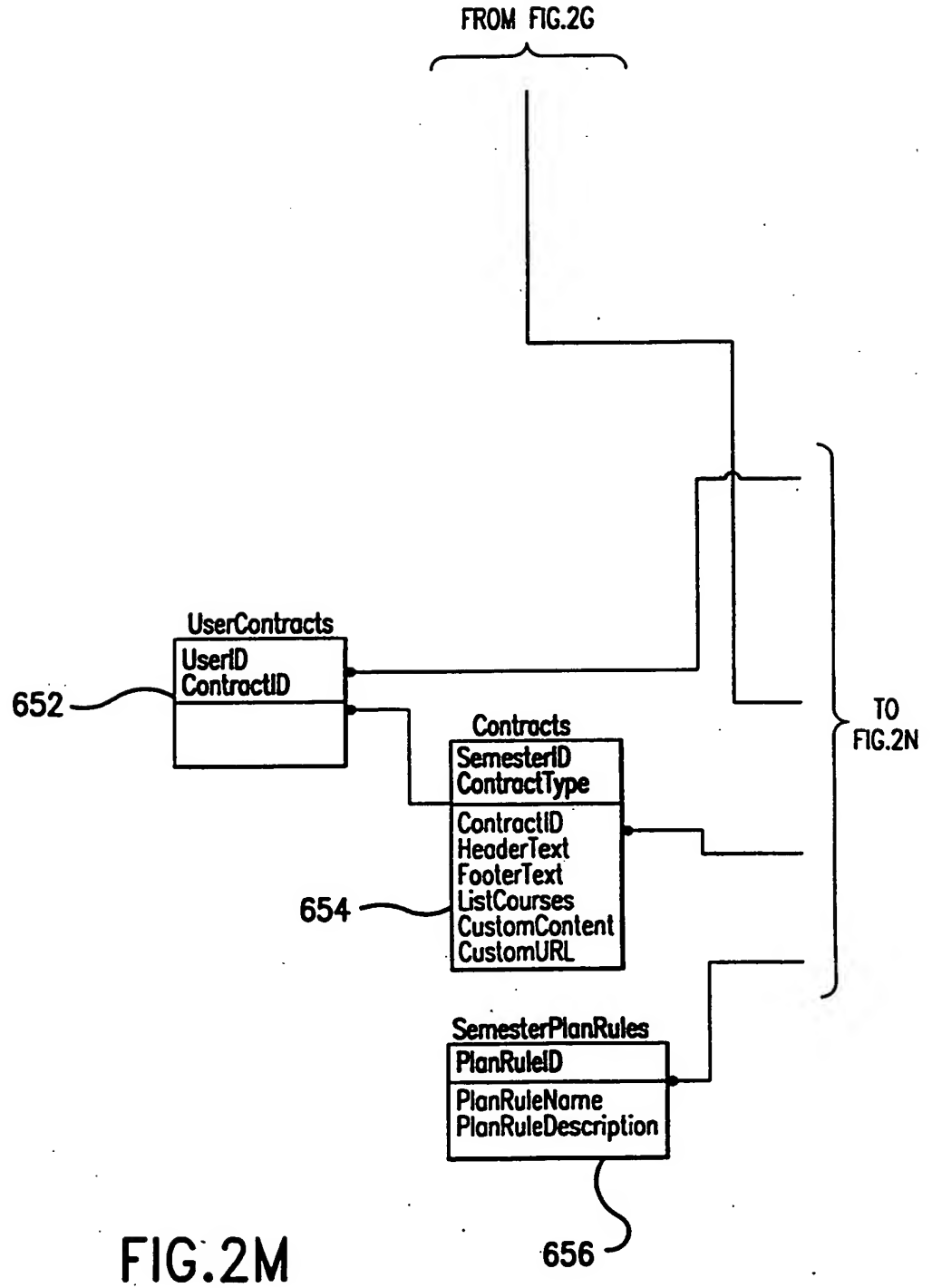








200240" 46/19001



FROM FIG.2H

FROM
FIG.2M

Semesters

SemesterID
Name
Description
StartDate
EndDate
AddDate
DropDate
CensusDate
AdOverride
DropDuration
RegNote
Type
ClientID
RegStartDate
RegEndDate
WithdrawalDate
Duration
PlanRuleID
StudContractRule
ProfContractRule
SFlag
AutoEnrollStartDate
HideUnenrolled
IsOff
IsSpecial
ClientPlanCode

658

TO
FIG.20

FIG.2N

10061794-042602
2002-10-16 15:29:00

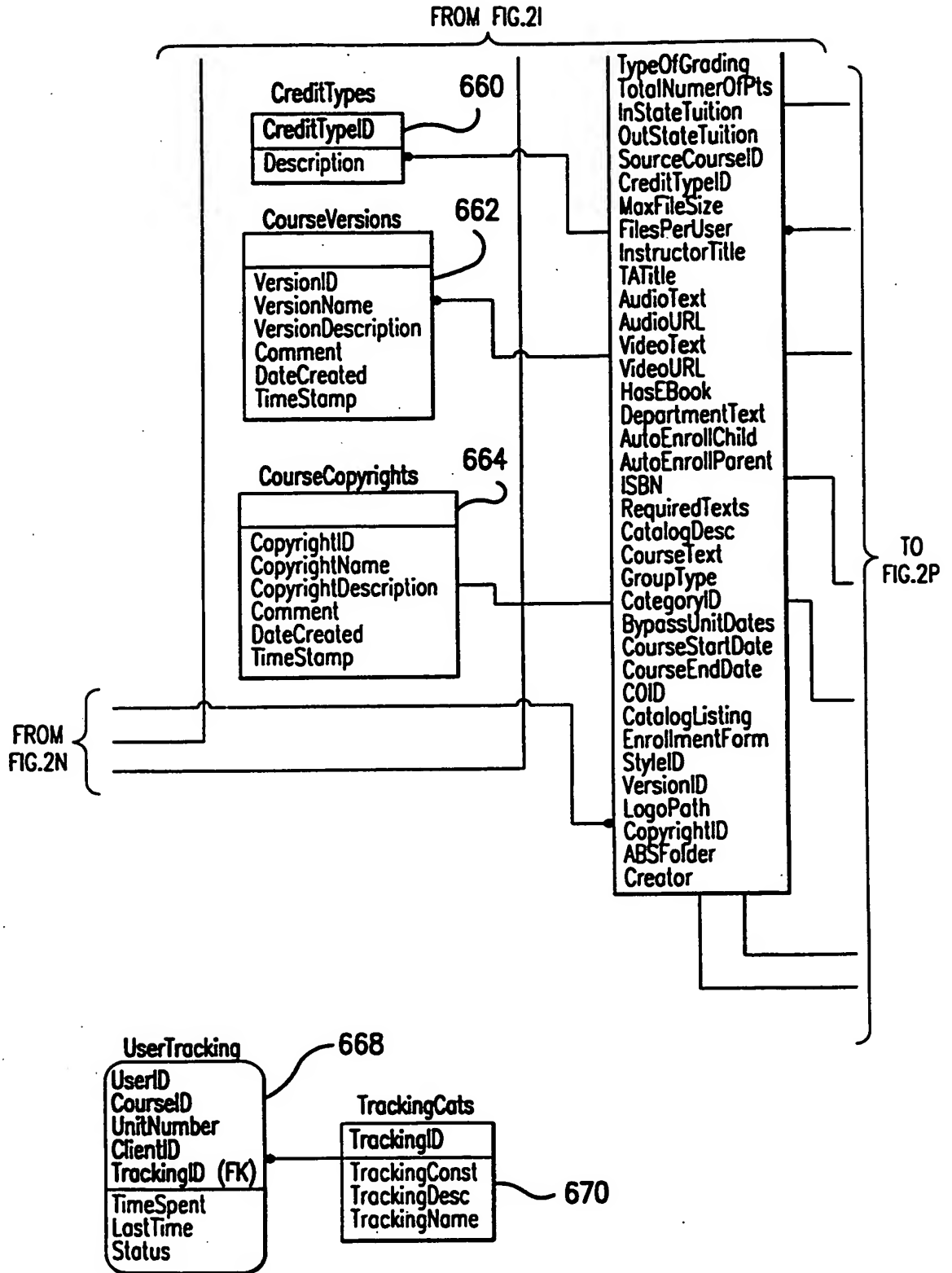
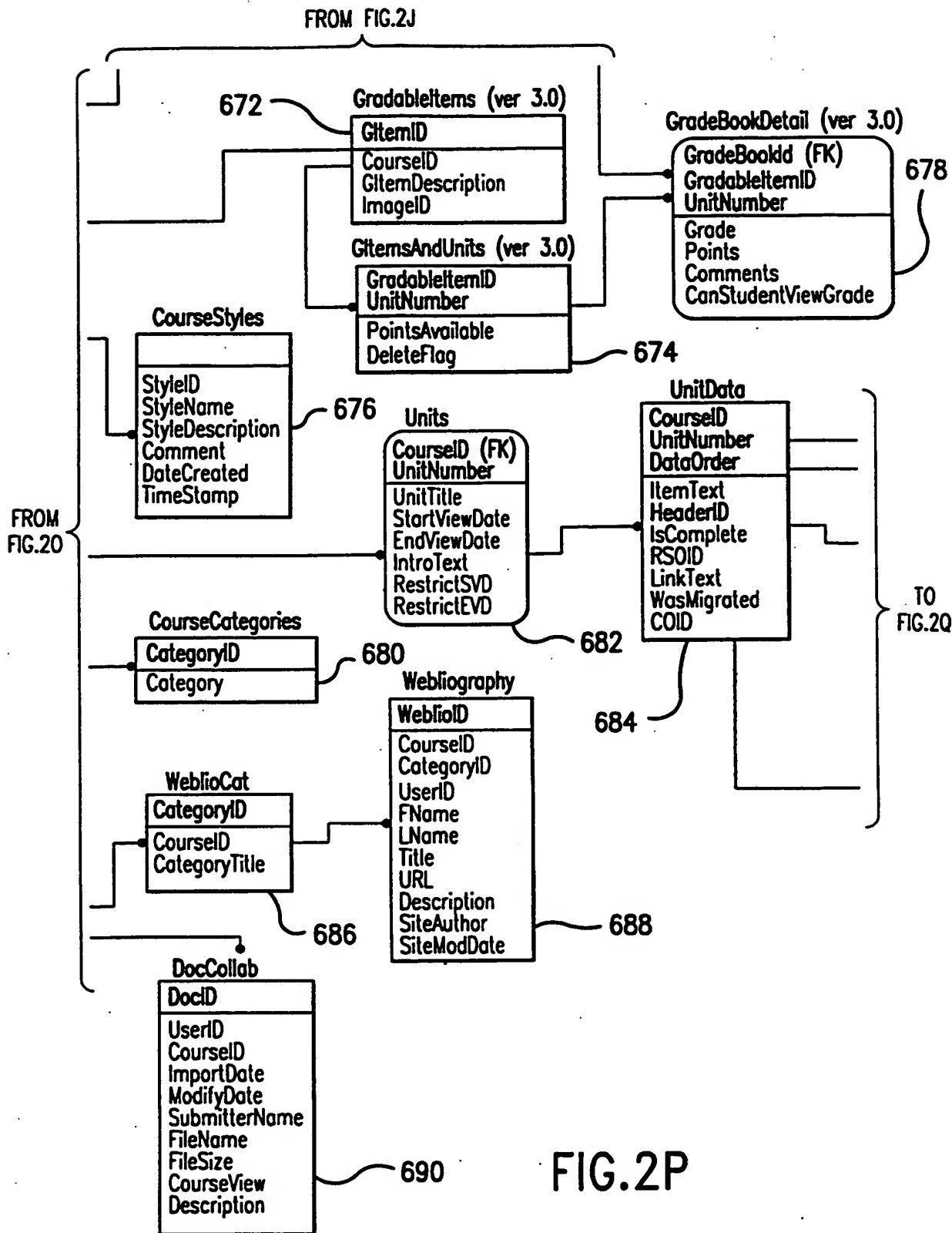


FIG.20

10661794-042602



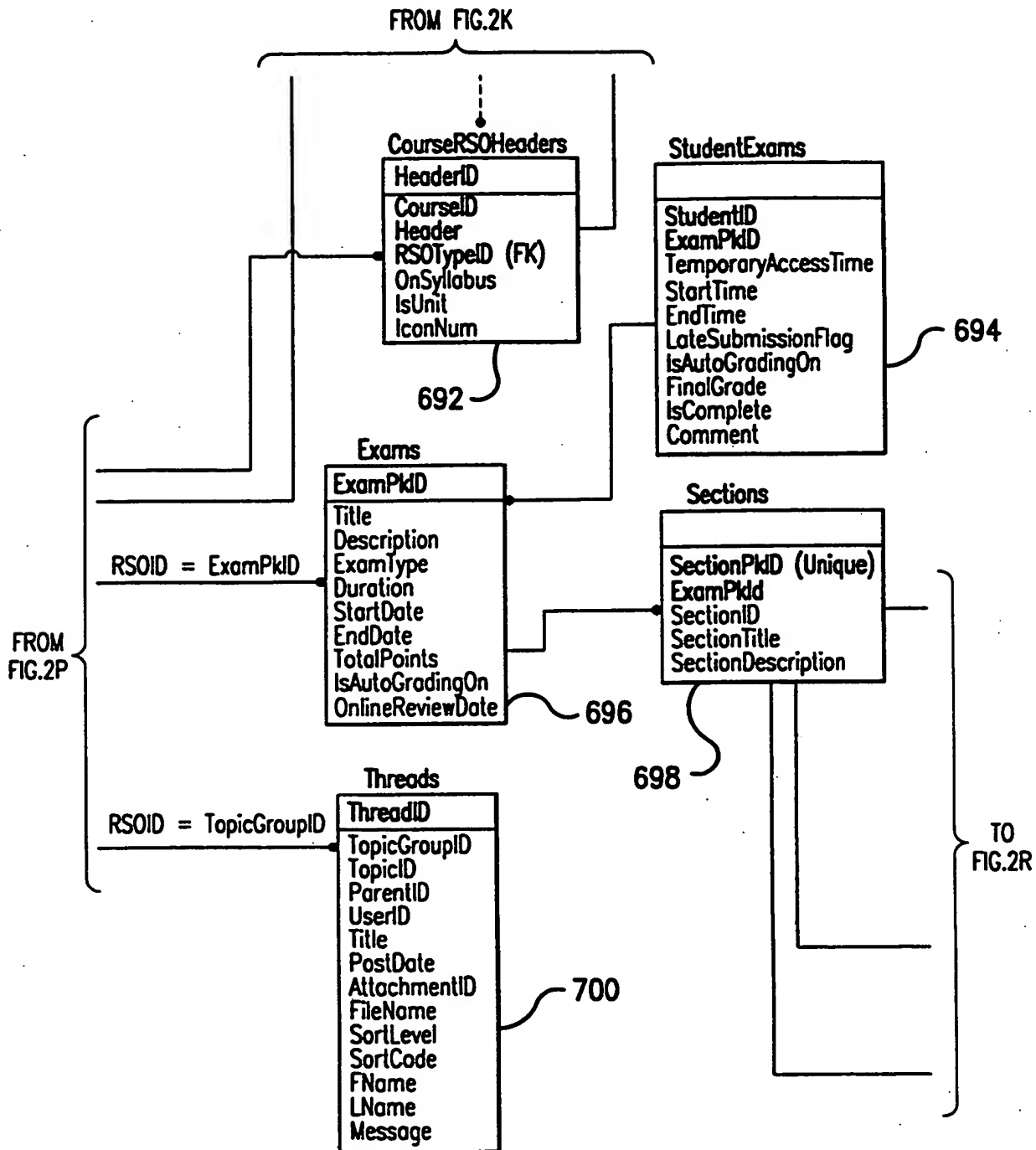


FIG.2Q

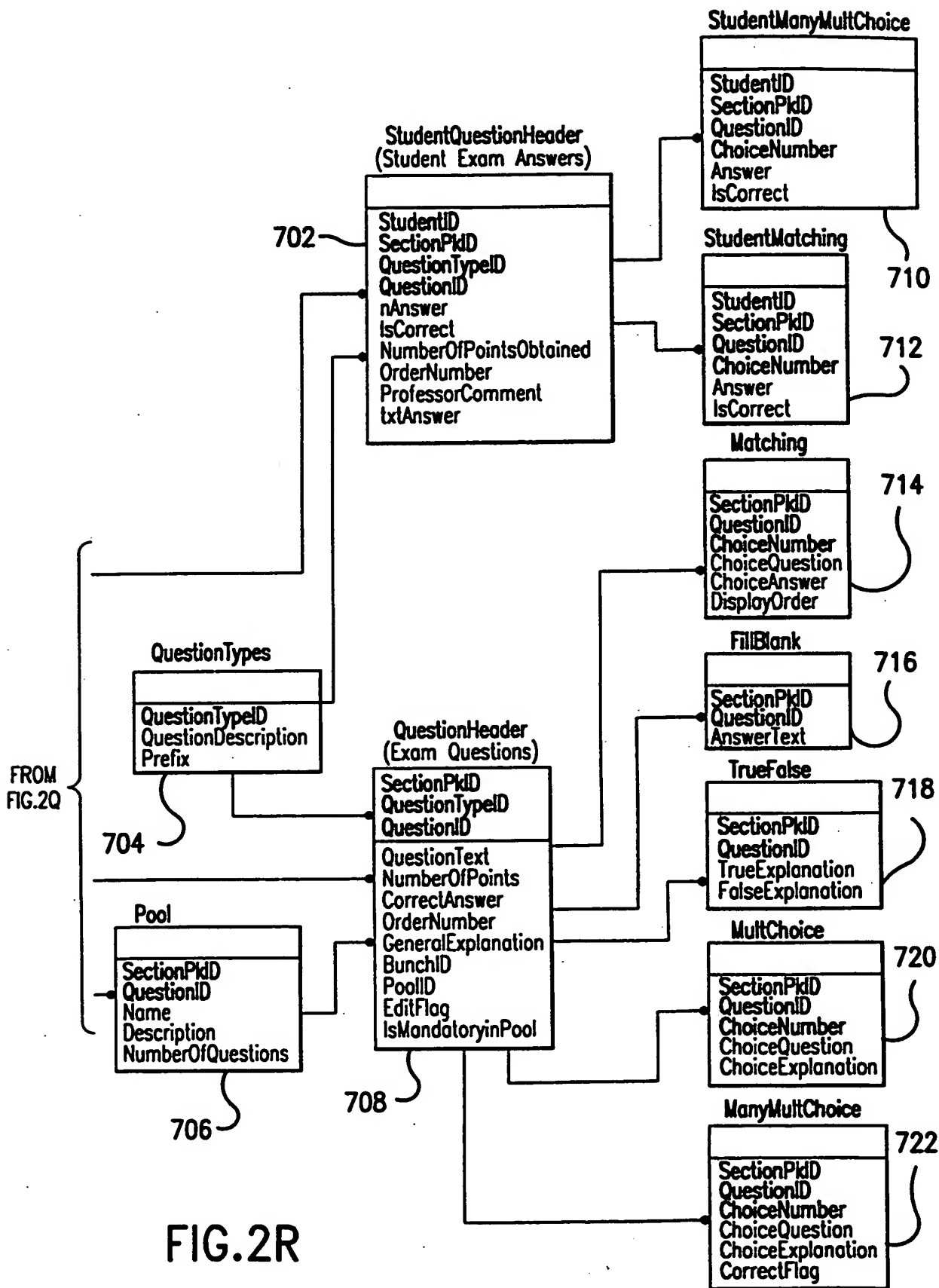


FIG. 2R

202404161900T

209240" 46/19001

Course Home Page - How to Design and Teach an Online Course - Microsoft Internet Explorer

http://gregreid.com/ta/A_CourseHomePage.html?CourseID=4107&CNodelD=340847-28779

eCollege

ID1000 | How to Design and Teach an Online Course
Professor: Kevin Himmel - 802
8/2/00 7:27:43 PM Mountain Time

HOMEPAGES: Greg University / Sarah Allen / ID1000 - 804

816

Course Home Page

818 Course Home Page
820 Document
822 Collaboration
824 Final Glass
826 Graduate
828 Policies and Procedures
830 Resource Center
832 Online Chatroom
834 Student Journal
836 Student Notebook
838 Wallboard
840 Print Gradebook

806 Introductory Video (Video)
808 Introductory Audio (Audio)
810 Unit
812 Unit One
814 Unit Two
816 Practice Questions

814 Key
816 Assignment
818 Exam
820 Lecture
822 Practice Quiz
824 Reading
826 Threaded Discussion

816 Threaded Discussion - 841

FIG. 3A

Course Home Page - student view

818
846
830
822
832
820
838
836
834
824
826

Course Home Page - Cell Biology - Microsoft Internet Explorer

844

Course Home

Course Information

Materials Center

Handouts

Online Syllabus

Document Library

Web Resources

Student Notebook

Student Journal

Classroom

Helpdesk

BIOL 3611-OL1 | Cell Biology

Professor: Marc Goalstone - 844

8/17/98 4:12:08 PM Mountain Time

HOME PAGES: University of Colorado Online / Jana Warner / BIOL 3611-OL1 - 846

Interactive Syllabus

Click here for Introductory Video (Video)

Audio Homepage Introduction (Audio)

Knowledge Bank

Click here for Frequently Asked Questions

Unit	Title
Unit 1	Unit 1
Unit 2	Unit 2
Unit 3	Unit 3
Unit 4	Unit 4
Unit 5	Unit 5
Unit 6	Unit 6
Unit 7	Unit 7
Unit 8	Unit 8
Unit 9	Unit 9
Unit 10	Unit 10
Unit 11	Unit 11
Unit 12	Unit 12
Unit 13	Unit 13
Unit 14	Unit 14
Unit 15	Unit 15
Unit 16	Unit 16
Unit 17	Unit 17
Unit 18	Unit 18
Unit 19	Unit 19
Unit 20	Unit 20
Unit 21	Unit 21
Unit 22	Unit 22
Unit 23	Unit 23
Unit 24	Unit 24
Unit 25	Unit 25
Unit 26	Unit 26
Unit 27	Unit 27
Unit 28	Unit 28
Unit 29	Unit 29
Unit 30	Unit 30
Unit 31	Unit 31
Unit 32	Unit 32
Unit 33	Unit 33
Unit 34	Unit 34
Unit 35	Unit 35
Unit 36	Unit 36
Unit 37	Unit 37
Unit 38	Unit 38
Unit 39	Unit 39
Unit 40	Unit 40
Unit 41	Unit 41
Unit 42	Unit 42
Unit 43	Unit 43
Unit 44	Unit 44
Unit 45	Unit 45
Unit 46	Unit 46
Unit 47	Unit 47
Unit 48	Unit 48
Unit 49	Unit 49
Unit 50	Unit 50
Unit 51	Unit 51
Unit 52	Unit 52
Unit 53	Unit 53
Unit 54	Unit 54
Unit 55	Unit 55
Unit 56	Unit 56
Unit 57	Unit 57
Unit 58	Unit 58
Unit 59	Unit 59
Unit 60	Unit 60
Unit 61	Unit 61
Unit 62	Unit 62
Unit 63	Unit 63
Unit 64	Unit 64
Unit 65	Unit 65
Unit 66	Unit 66
Unit 67	Unit 67
Unit 68	Unit 68
Unit 69	Unit 69
Unit 70	Unit 70
Unit 71	Unit 71
Unit 72	Unit 72
Unit 73	Unit 73
Unit 74	Unit 74
Unit 75	Unit 75
Unit 76	Unit 76
Unit 77	Unit 77
Unit 78	Unit 78
Unit 79	Unit 79
Unit 80	Unit 80
Unit 81	Unit 81
Unit 82	Unit 82
Unit 83	Unit 83
Unit 84	Unit 84
Unit 85	Unit 85
Unit 86	Unit 86
Unit 87	Unit 87
Unit 88	Unit 88
Unit 89	Unit 89
Unit 90	Unit 90
Unit 91	Unit 91
Unit 92	Unit 92
Unit 93	Unit 93
Unit 94	Unit 94
Unit 95	Unit 95
Unit 96	Unit 96
Unit 97	Unit 97
Unit 98	Unit 98
Unit 99	Unit 99
Unit 100	Unit 100

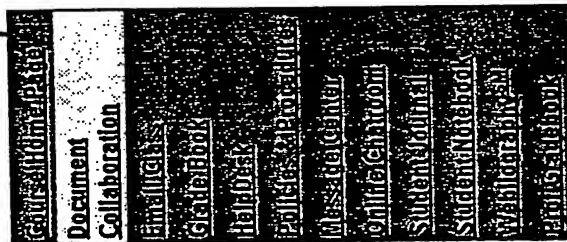
806
812
814

Key
Assignment
Exam
Exam Key
Important Notice
Reading
Study Guide
Threaded Discussion
Unit Audio

FIG 3B

Document Sharing/Collaboration

816



Document Collaboration

848

Download file

PC users - Hold your mouse over the document name, click your right mouse button and scroll to 'Save Target As...' (IE) or 'Save Link As...' (Netscape) on the menu that appears.
Mac users - Click and hold on the document name until a menu window appears. Choose the option that allows you to save the document on your computer.

Kevin Himmel HBSP

File Name	Description	Owner	Date	Size	
852	854	856	858	860	
SharePoint	Microsoft Office Word 4	SharePoint	7/25/02	25 KB	

850

SHARE SELECTED FILE(S) (ADMIN ONLY)
DELETE SELECTED FILE(S) (ADMIN ONLY)

Upload File To

File Name

Description (required)

Owner Date

862 863 866 868 870

FIG. 3C

Course Home Page - Cell Biology - Microsoft Internet Explorer

Back Forward Stop Refresh Home Search Favorites History View Mail Edit Print

Address: http://ucsfline.edu/te/A_EmailCourse.res?Action=E_MAIL_C&List=0&CourseID=34475&CNodeID=8148&47=37553Hemad

Online Chatroom	Journal Shorthand
Webboard chat	Student Notebook
Student Journal	Chat Room
Helpdesk	

Cell Biology

☐ Professor M. Goalstone (Marc.Goalstone@UCHSC.edu)

☐ All Enrolled Users -- **874**

► show email list **

872

☒ From: Jana Warner - **876**

Date: 8/17/99

Subject: **878**

Message:

880

Attachment:

884, **882**

816

209240" 46/1900T

Gradebook

http://geopu.reded.com/re/Gradebook.1ea?CourseID=41153&CNModelD=3405&Action=ADMINGRADEBOOK&47-28779

Online GradebookBIOL 3611 - Cell Biology

Setup GradebookView/Grade Student WorkView Class RosterExit

816

890

886

Student 888

Student	888	890	886
Student 888	88	78	0
Student 889	87	0	70
Student 890	0	0	90
Student 891	82	89	0

Setup Gradebook

Course/Section/Topic

Assignment

Custom Gradebook Entry

Update

Gradebook Items

Course Home

12345678910111213141516

FIG. 3E

209240"46/19001

Gradebook – student view

Gradebook - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Weblog RSS Print Mail

Address http://curline.edu/ve/GradeBook.nsf?CourseID=34473&DocID=8148&Action=GRADEBOOK&47-37559

Online GradeBook BIOL 3611- OL1 - Cell Biology

Exit

816

Student 896

Warner, Jane

25

898

894

Numerical Grades Letter Grades

View Work

Put mouse over bar, click down & HOLD. Now drag mouse & bar for better viewing.

Select an Item to View:

Assignments Tests Quizzes Projects

Graded Assignments Graded Tests Graded Quizzes Graded Projects

900

FIG. 3F

209240-46/19001

Message Center

Course Home Page - Kevin Himmel HBSP - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home

Address

http://gregureted.com/he/A_MsgCtr.nsf/CourseID-34701&CNodeID-3403&Action=MESSCENT&47-28779

Case | Kevin Himmel HBSP

Professor: None

8:00 7:23:10 PM Mountain Time

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Case](#)

816

Course Home Page

Discussion

Registration

Email Address

Grade Book

Help Desk

Helpdesk Information

Message Center

Online Chatroom

Student Journal

Student Notebook

Wallboard Info

Message Center

Post a message (admin only)

906

904

Sarah Allen | 8/9/99 7:33:13 PM

Test on Monday

There will be a test on Monday instead of Friday. Please complete by 9:00 pm. Thank you!

Delete this message (Admin Only)

Post a message (admin only)

905

902

eCollege

209240" 46/1900T

Online chatroom

Course Home Page - Cell Biology - Microsoft Internet Explorer

Back

Forward

Home

Stop

Reload

Print

Search

Help

Tools

Options

Address Bar

http://course.cu.edu/A_Chat/real7CourseID=34475&Room=BIOL3611_344750

BIOL 3611-OL1 | Cell Biology

Professor: Marc Goalstone

8/17/98 4:09:07 PM Mountain Time

HOME PAGES: University of Colorado Online / Jana Warner / BIOL 3611-OL1

Chat | View Chat Logs | Help

816

Course Home

Course Information

What's New

Final Class

Online Chatroom

Electronic Sliding

Webography

Student Notebook

Student Journal

Gradebook

Helpdesk

906

908

910

914

912

User: Jana_Warner Room: BIOL3611_344750 Room Users: 1

FIG. 3H

Student Journal

Case | Kevin Himmel HBSP
Professor: None
8/9/99 7:40:23 PM Mountain Time

eCollege

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Casa](#)

816

- [Central Home Page](#)
- [Orientation](#)
- [Collaboration](#)
- [Email Links](#)
- [Grade Book](#)
- [Help Desk](#)
- [Polls and Surveys](#)
- [Message Center](#)
- [Online Chat Room](#)
- [Student Journal](#)
- [Student Handbook](#)
- [Web Resources](#)
- [Privacy Policy](#)

Student Journal

-> [Start New Journal Entry](#) - 918

ENTRIES ▶ [EXPAND ALL](#) | [COLLAPSE ALL](#) - 920

922

▶ [My favorite Chapter](#)
Last modified by student: 8/9/99 7:41:18 PM - 924
Last modified by instructor: 8/9/99 7:41:18 PM

▶ [Thought Chapter 5 was really interesting](#) - 926

▶ [Prof comments on grade you received](#) - 928

▶ [Edit this Journal Entry](#) - 930

▶ What I think

Last modified by student: 8/9/99 7:39:43 PM
Last modified by instructor: Not modified

ADMIN ONLY
LINKS

[Course Manager](#)
[Profile Help](#)

FIG. 3I

2003240-46219007

Student Notebook

Microsoft Internet Explorer

Address: <http://cunline.edu/ol1/Notebook.html?CourseID=34475&CNodelD=6148&Action=NOTEBOOK47-37959>

Back Forward Stop Reload Home Search Favorites History Help

BIOL 3611-OL1 | Cell Biology
Professor: Marc Goalstone
8/17/88 3:44:28 PM Mountain Time

HOME PAGES: [University of Colorado Online](#) / [Jana Warner](#) / [BIOL 3611-OL1](#)

816

Course Details
Course Information
Massachusetts
Enrollment
Online Chat Room
Student Email
Web Resources
Student Notebook
Student Journal
Grades Book
Helpdesk

Notebook

Please be sure to click on the "Save Notes" button to avoid losing your notes.

936

934

Save Notes

Save Notes

FIG 3T

932



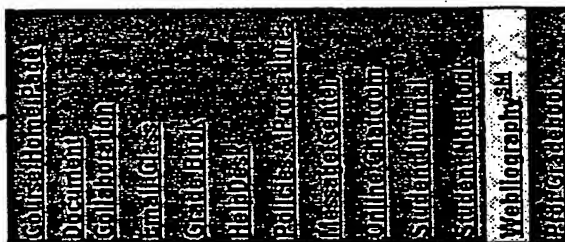
Weblogography

BIOL 3611 | Cell Biology
Professor: profprof
9/8/09 7:52:28 PM Mountain Time

eCollege

HOME PAGES: Greg University / Sarah Allen / BIOL 3611

816



938

Weblogography
• add new entry - 940
• view
all entries - 942
search - 944

Results
2 item(s) are in the weblogography.

• Great Resource - 946
Description: This is a great source to find content in cell biology - 948

DELETE (ADMIN ONLY)

• My favorite - 950
Description: This is where you can talk to other cell biology researchers - 952

DELETE (ADMIN ONLY)

ADMIN ONLY
LINKS

Course Manager
ProfHelp

FIG 3K

Threaded Discussion

HOMEPAGES: Greg University / Sarah Allen / Orientation Course / Unit 5: How Do I Communicate with my P...

Home 1 2 3 4 5 6 7 8 9

816

Course Home Page
Document
Unit Portal
Emails
Grade Book
Help Desk
Policies & Procedures
Message Center
Online Grading
Student Journal
Student Notebook
Webbington
Prof's Address Book

Thread Topics

Why are you taking an online course? - 956

Have ever taken a course online before? - 958

ADD A TOPIC (ADMIN ONLY)

Have ever taken a course online before?

Keith Millner | 7.21.99 4:13:08 pm

More and more people are taking courses online. If you are one of the pioneering types who has been down this road before, perhaps you have experiences or advice to offer those who are now joining you in this new academic environment.

RESPOND TO THIS TOPIC | EDIT TOPIC (ADMIN ONLY) | DELETE TOPIC (ADMIN ONLY)

Responses 968 - 970

display by: TOPIC | DATES | AUTHOR - 972

show expanded view

L This is great - I am... Susan Karson | 8.9.99 7:54:49 pm - 974

This is great - I am really excited about taking my course online.

RESPOND TO THIS POST | DELETE THIS POST (ADMIN ONLY)

ADMIN ONLY

LINKS

Course Manager

Profile

FIG. 3L

Student Exam

Time Remaining: 0 hours 29 minutes 49 seconds ← 982

1. With online courses you do not have daily contact with your professor. Does this mean all online courses are self-paced? (1 point)

(s) ← 984
☐ Yes
☐ No

980

2. Match the following terms with the correct definition. (3 point(s))

<input type="checkbox"/> E-mail	1) This synchronous form of communication can take place with the entire class, a small group, or a private meeting between my professor and me. In this type of communication, everyone involved must be logged in at the same time.
<input type="checkbox"/> Syllabus	2) This is what I would use to contact a fellow student(s) and/or the professor, without the message becoming a permanent part of the course.
<input type="checkbox"/> Online Classroom	3) My instructor may use one of these to communicate due dates for the course, and other course information.

986

Exam Navigation:

Click on the buttons below to switch between exam sections. Clicking on the buttons will also store your answers.

← 988
 Exam Information Section 1 Section 2 Section 3

Store your answers frequently during exam. Submit for grading when you are finished working on the exam.

Store Answers Submit Exam for Grading

990 992

FIG. 3M

Administrative Pages

Administrative Reports - Microsoft Internet Explorer

Address: <http://greguired.com/ve/admin/admincenter.nsf?47-2879>

Administrative Pages
8/18/99 9:13:23 AM Mountain Time

eCollege

HOME PAGES: [Greg University / Sarah Allen / Administrative Pages](#)

User Maintenance - 996

- [User Enrollment - 998](#)
Assign users to courses.
- [User Status - 1000](#)
Change a user's status and course association.
- [Create User - 1002](#)
Create a new user.
- [Enroll User In Another Enrollable Area - 1004](#)

Administrative Message Center - 1006

- [Send a message - 1008](#)
Send a message to a group of users via email or posting on the Personal Student Home Page; place a course block on users.
- [Remove a Course Block - 1010](#)
Remove an existing course block.

Reports - 1012 - 1014

- [User reports - 1014](#)
Search for users and view or edit data related to: Enrollment, Registration, Usage Logs, and Administrative Information.
- [Course reports - 1015](#)
Review enrollment totals by course. View a list of the currently enrolled users. Adjust current enrolled student statuses.
- [University reports - 1016](#)
Reports on the number of courses by enrollable area. View user enrollment by enrollable area. View enrollments by semester.

994

FIG. 3N

Administrative Pages - User Enrollment

User Select - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home States Properties History

Address Bar

http://geopu.education.com/te/admin/UserSelect.leaf?type=error&47-20779

<input type="radio"/>	molatoshtal	alin@realeducation.com	CU Student	Sales
<input type="radio"/>	Molaison Al	alin@realeducation.com	CU Student	Sales
<input type="radio"/>	oda Alan	Yoda@epuredu	CU Professor	Temporary
<input type="radio"/>	Tabut Anthony	anthony@college.com	CU Professor	Real Education Training
<input type="radio"/>	Tabut Anthony	anthony@college.com	CU Professor	Sales
<input type="radio"/>	test arley	arley@realeducation.com	CU Student	Sales
<input type="radio"/>	tomorrow's another day	class@realeducation.com	CU Student	Sales

1018

1020

Enroll this User In Courses

FIG. 30

209240" 46/19001

Administrative Pages - User Status

User Status Set - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home System Favorites Help Print Edit

Address <http://greguread.com/he/admin/UserStat.red>

Enrollment Information for andy test

1022

School	Current Status	Sales Status	Sales Status
	GU Student	Enrolled In GregU - Assigned Role by Real System Admin	New Comment

1024

1026

Course Enrollment

School	Semester	Course	Current Status	Sales Status	New Comment
Sales	Demonstration	University	GU Student		Added to Course via ADD/DRG
Grad	Special	Orientation	GU Student		Auto Enroll in Orientation Course (from RS Admin Page)

1028

1026

209240" 46219001

Administrative Pages - Enroll User in another Enrollable Area

Enroll a Student in a New Enrollable Area - Microsoft Internet Explorer

Home Back New Favorites Stop Help File View Source Print Forward Stop Blank Page Blank Page History

Address http://gregared.com/he/admin/AssignNewLevel.html

HOME PAGES: Greg University / Sarah Allen / Administrative Pages / User Search / User Select / Enroll a User In Another Level

Enroll a User In Another Enrollable Area

Sarah Allen is currently enrolled in the following area(s): 1030

- Sales

Step 3: Select the new enrollable area(s)

Test	<u>1034</u>
EdUSA	
ID 1000	
Quality Assurance	

Step 4: Select the user's role in the new area(s)

<u>1036</u>

Step 5 (Optional): Move Sarah Allen into the selected node(s) only - 1038

☐ Remove Sarah Allen from the currently enrolled area(s). - 1040

FIG. 3Q

209240" 4671900F

ELECTRONIC EDITOR TOOL FOR
ADDITIONAL COURSES...
Attn.No. 11610.02
Customer No. 20686

Administrative Pages - Send a Message

Administrative Message Center - Send Message - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites History Mail Print

Address: <http://gregurealed.com/nc/admin/SendMessage.real?Type=0&47=28779>

Step 4: Review user selection list, compose and send message

1052

	Name	Email Address
<input checked="" type="checkbox"/>	Baker Beth	bethb@collegel.com
<input checked="" type="checkbox"/>	blink blink	chss@real.com
<input checked="" type="checkbox"/>	bob bob	rebecca@real.com
<input checked="" type="checkbox"/>	bob bob	bob@real.com
<input checked="" type="checkbox"/>	Burn Becky	becky@collegel.com
<input checked="" type="checkbox"/>	Carter Baby	carter@real.com
<input checked="" type="checkbox"/>	Corbin Bany	benny@real.com
<input checked="" type="checkbox"/>	Doorn Benny	benny@real.com
<input checked="" type="checkbox"/>	Feldman Betsy	betsy@heinemann.com

From Email Address (required for email messages) 1044

Message Header 1046

Message Text 1048

1050

☒ Send this message as email
☒ Send this message as web page/post
☐ Block these users from their courses

ATTACHMENTS

FIG. 3R

School	Semester	Course	Status Date	Status	Comment
Greg University			07/2/99	GU Drop	SYSTEM/Aldo Enroll Basic Orientation
Greg University			02/02/99	GU Student	SYSTEM/Aldo Enroll Basic Orientation
Greg University	Special Courses	Orientation	07/2/99	GU Student	Aldo Enroll in Orientation for Business Admin Pages
Sales	N/A	N/A	02/10/99	GU Professor	Enrolled in Greg U's System Holiday Real System Admin
Sales	Demonstration	CU In	02/25/99	GU Student	
Sales	Demonstration	Sales	02/10/99	GU Professor	

* Denotes enrollable area status

Administrative Pages - Course Reports

Course Reports - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites History Print Edit

Address http://geguireed.com/ie/admin/CourseReports.html

1058

Course Reports

The course enrollment information and the current status of users in the course is listed below. To change a user's status in the course, select it from the 'Set New Status' option and click the 'Update' button at the bottom of the screen.

Quality Assurance Semester - Accredited Buyer Representative

Max Enrollment 25 Max Waitlist 5 Current Enrollment 25

Max Enrollment 25 Max Waitlist 5 Current Enrollment 25

1060

1062

Name	Email Address	Current Status	Set New Status	Set Status Comment
Skidlar, K	chris@collage.com	GU Student		
Angell, Chris		GU Student		
test test	test	GU Student		

FIG. 3T

209240" 46/1900T

Administrative Pages - University Reports

University Reports - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites History

Address http://greguired.com/ie/admin/UnivReports.res?ACT=COURSE

Administrative Pages

8/18/99 9:47:34 AM Mountain Time

HOME PAGES: Greg University / Sarah Allen / Administrative Pages / University Reports

University Reports

Course Count per Area | User Count per Enrollible Area | Enrollment per Semester

Course Count per Area 1066

Area	Courses
Greg University	5
UnRealed	1
EdUSA	8
1011000	0
Quality Assurance	10
UnRealed Internal Training	89
Sales	126

FIG. 3U

[illegible]

FIG 3V

205240"46/19001

eCS 3.0 - Course Manager

CM AX / RIP

Exit Course Manager

File Upload/Download

BIOL 3611

Unit1

Unit2

Unit Audio

Reading

Assignment

Unit3

Unit4

Unit Audio

Reading

Exam Key

Unit5

Unit6

Unit Audio

Reading

Upcoming Events

Unit7

Unit8

Unit9

Unit10

Unit11

Unit Audio

Reading

Upcoming Events

Study Guide

Unit12

Unit13

Unit14

Address: <http://greguredd.com/ie/CourseManager/CM.asp?CourseID=41163&CNodelD=340647-28779>

HOME PAGES: Greg University / Sarah Allen / BIOL 3611 / Unit 2: January 25 - 31

1082 →

Unit 2 : January 25 - 31

Unit Audio

Unit Two

Reading

This week you will be introduced to simple laws of thermodynamics (CH 5). By the end of Chapter 5, you should be able to calculate the Gibbs free energy change and determine the spontaneity of a reaction.

Chapter 5 - pp 119 - 133

Lecture Notes - chapter 5

ADMIN ONLY LINKS

Course Manager

Profile

Assignment

Calculate: the ΔG° and determine the spontaneity for the following reaction:

FIG 3W

209240:46/T900T

Course Manager

ELECTRONIC EDITOR TOOL FOR
EDUCATIONAL COURSES...
Dkt.No. 11610.02
Customer No. 20686

CM AX / MP

Exit Course Manager

File Upload/Download

BIOL 3611 | Cell Biology

Professor: prof nrmf

1084

1068

eCollege

Course Manager

1084

1070

Video (Video)

BIOL 3611

Unit1

Unit2

Unit Audio

Assignment

Unit3

Unit4

Unit5

Unit6

Unit7

Unit8

Unit9

Unit10

Unit11

Unit12

Unit13

Unit14

Unit15

Unit16

This week you will be introduced to simple laws of thermodynamics (CH5). By the end of Chapter 5, you should be able to calculate the Gibbs free energy change and determine the spontaneity of a reaction.

Chapter 5 - pp 119 - 133

HPREF="External.real?File=CJ/BIOL3611-8552/unit2/chapter 5/0698-01-chapter5.real" target="_top">Lecture Notes - chapter 5

Weblog/Unit

Program/Unit

ADMIN ONLY LINKS

Course Manager

FIG 3X

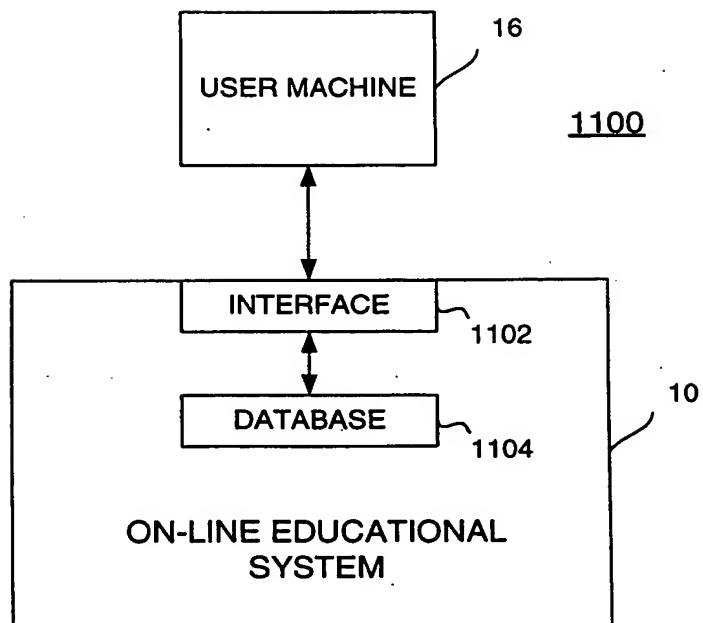


Fig. 4A

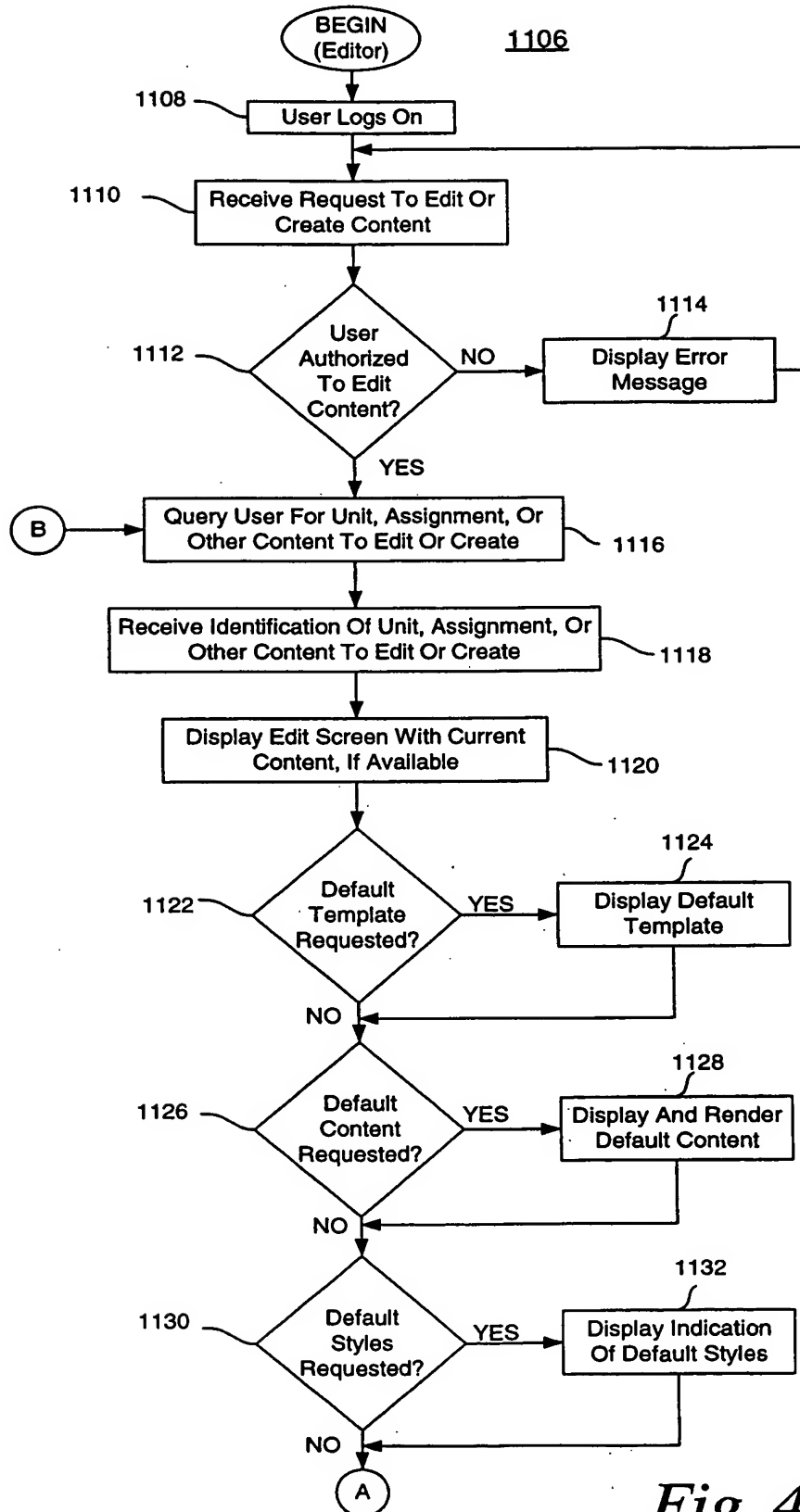


Fig. 4B

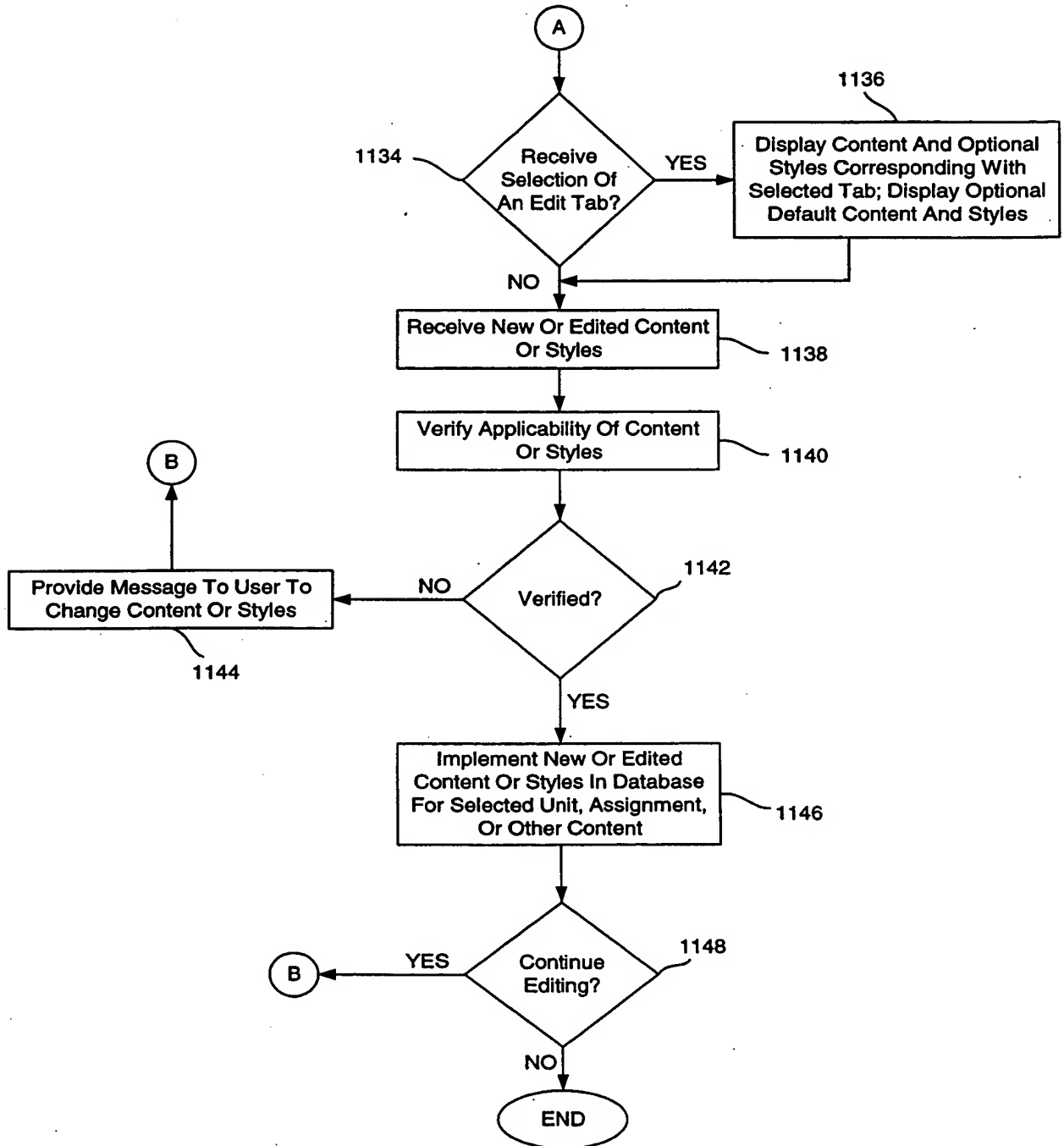


Fig. 4C

20061794-042602

20686-04240-4679001

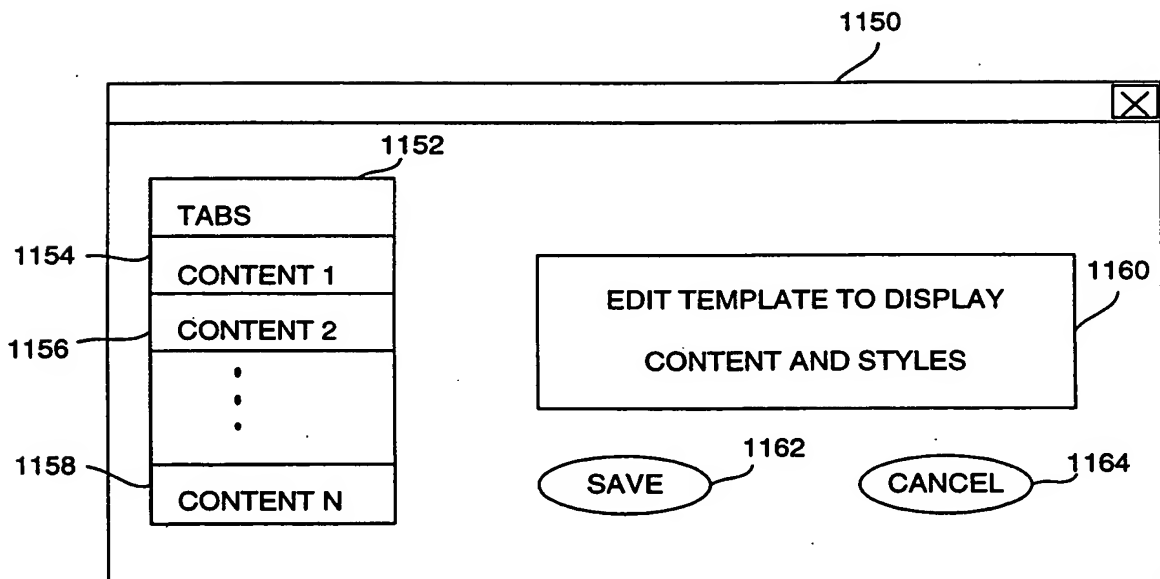


Fig. 4D

